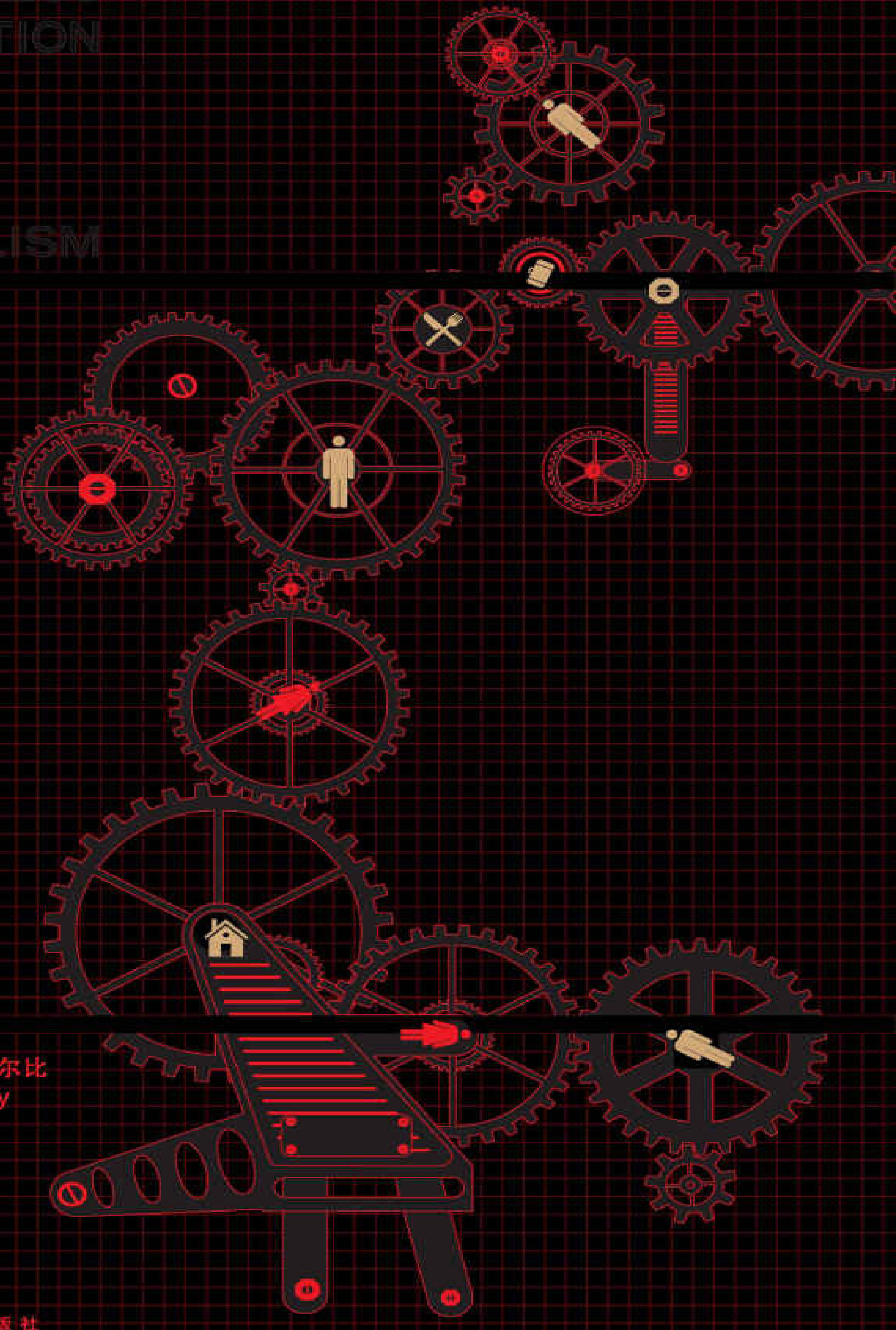
THE RELENTLESS REVOLUTION

A HISTORY OF CAPITALISM

无情的革命

资本主义的历史



［美］乔伊斯·阿普尔比 Joyce Appleby 著

宋非 译

社会科学文献出版社
SOCIAL SCIENCES ACADEMIC PRESS (CHINA)

作者简介

乔伊斯·阿普尔比，当代最有成就的历史学家之一。曾任教于加州大学洛杉矶分校，美国历史学会和美国历史学家组织的前会长，其著作曾获 2009 年的小阿瑟·M. 施莱辛格奖。她现在生活在洛杉矶。

[redacted]

〔美〕乔伊斯·阿普尔比
Joyce Appleby
著

宋非
译

无情的革命
资本主义的历史

THE RELENTLESS REVOLUTION
A HISTORY OF CAPITALISM

让我们 一起追寻

社会科学文献出版社
SOCIAL SCIENCES ACADEMIC PRESS (CHINA)

[illegible]

- [illegible]
- [illegible] [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
- [illegible] [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
- [illegible] [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
- [illegible] [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - [illegible]

  - [illegible]
  - [illegible]
- [illegible] 18[illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
- [illegible] [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - 1873[illegible]
- [illegible] [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
- [illegible] [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - [illegible]

    - [illegible]
    - [illegible]
- [illegible] [illegible]
    - [illegible]
    - [illegible]
    - [illegible]
    - [illegible]
- [illegible] [illegible]
    - [illegible]
    - [illegible]
    - [illegible]
    - [illegible]
    - [illegible]
    - [illegible]
    - [illegible]
    - [illegible]
    - [illegible]
    - [illegible]
    - [illegible]
    - [illegible]
- [illegible] [illegible]
    - [illegible]
    - [illegible]
    - [illegible]
    - [illegible]
    - [illegible]
    - [illegible]
- [illegible] [illegible]21[illegible]
    - [illegible]
    - [illegible]/[illegible]
    - [illegible]
    - [illegible]
    - [illegible]
    - [illegible]
    - [illegible]
    - [illegible]

  - [illegible]
  - [illegible]·[illegible]——[illegible]
- [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
  - [illegible]
- [illegible]

[illegible]

[illegible]·[illegible]Flora Lansburgh[illegible]·[illegible]Jim Caylor[illegible]·[illegible]Linn Shapiro[illegible]·[illegible]Perry Anderson[illegible]·[illegible]Debora Silverman[illegible]·[illegible]Bruce Robbins[illegible]·[illegible]Lesley Herrman[illegible]·[illegible]Jack Pole[illegible]·[illegible]David Levine[illegible]·[illegible]Ware Myers[illegible]·[illegible]Susan Wiener[illegible]·[illegible]Carlton Appleby[illegible]·[illegible]Ann Gordon[illegible]·[illegible]Margaret Jacob[illegible]·[illegible]Robert Brenner[illegible]·[illegible]Peter Baldwin[illegible]·[illegible]Nikki Keddie[illegible]·[illegible]Fred Notehelfer[illegible]·[illegible]Stanley Wolpert[illegible]·[illegible]Jose Moya[illegible]·[illegible]Mary Yeager[illegible]·[illegible]Naomi Lamoreaux[illegible]·[illegible]·[illegible]Seth Weingram[illegible]·[illegible]Karen Orren[illegible]·[illegible]Steve Forman[illegible]·[illegible]Peter Reill[illegible]17[illegible]18[illegible]·[illegible]Vic Fusilero[illegible]·[illegible]Michael Phillips[illegible]

[illegible]

[illegible]

[illegible]16[illegible]——[illegible]——[illegible]

[illegible]·[illegible]James Watt[illegible]18[illegible]19[illegible]

[illegible]

[illegible]

[illegible]

[illegible]80%[illegible]

[illegible]

[illegible]——[illegible]——[illegible]“[illegible]”[illegible]

[illegible]

[illegible]

[illegible]16[illegible]

[illegible]

“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]“[illegible]”[illegible]

[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]

[illegible]15[illegible]16[illegible]1517[illegible]·[illegible]Ferdinand Magellan[illegible]

[illegible]27000[illegible]200[illegible]1500[illegible]87[illegible]3[illegible]100[illegible]

1488[illegible]·[illegible]Bartolomeu Dias[illegible]

[illegible]“[illegible]”[illegible]

[illegible]“[illegible]”[illegible][1][illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]17[illegible]

[illegible]1200[illegible]

[illegible]

[illegible]

[illegible]14[illegible]15[illegible]20[illegible]·[illegible]Arnold Toynbee[illegible]“[illegible]”[illegible]

[illegible]18[illegible]

[illegible]·[illegible]Jared Diamond[illegible][2]

[illegible]·[illegible]David Landes[illegible]“[illegible]”[illegible]·[illegible]Alfred Crosby[illegible]13[illegible]·[illegible]Deepal Lal[illegible]11[illegible]“[illegible]”[illegible][3]

[illegible]“[illegible]”[illegible]post hoc[illegible]ergo propter hoc[illegible]

[illegible]

[illegible]

[illegible]——[illegible]

[illegible]15[illegible]16[illegible]

[illegible]17[illegible]

“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]

[illegible]1800[illegible]·[illegible]Kenneth Pomeranz[illegible]18[illegible]19[illegible]“[illegible]”[illegible][4][illegible]“[illegible]”[illegible]

[illegible]16[illegible][5][illegible]

[illegible]17[illegible]1688[illegible]

[illegible]

[illegible]·[illegible]Adam Smith[illegible]1776[illegible]

[illegible]“[illegible]”[illegible]——[illegible]

[illegible]——[illegible]——[illegible]·[illegible]·[illegible]Karl Marx[illegible]19[illegible]

[illegible][6][illegible]

[illegible]

20[illegible]·[illegible]Max Weber[illegible]

[illegible]

[illegible]·[illegible]“[illegible]”[7][illegible]“[illegible]”[illegible]16[illegible]

[illegible]

[illegible]

[illegible]

[illegible]——[illegible]——[illegible]

1967[illegible]·[illegible]Thomas Hobbes[illegible]·[illegible]John Locke[illegible]·[illegible]·[illegible]Thomas Paine[illegible]

[illegible]“[illegible]”[illegible]18[illegible]17[illegible]Elizabeth[illegible]

[illegible]·[illegible]“[illegible]”[illegible]“[illegible]”[illegible][8][illegible]·[illegible]“[illegible]”[illegible]17[illegible]20[illegible]

[illegible]17[illegible][9]

[illegible]

[illegible]Alcoholics Anonymous[illegible]AA[illegible]

[illegible]

[illegible]

[illegible]18[illegible]19[illegible]18[illegible]

[illegible]

[illegible]

[illegible]

[illegible]——[illegible]——[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]“[illegible]”——[illegible]——[illegible]——[illegible]·[illegible]

[illegible]12[illegible]14[illegible]

[illegible]19[illegible]

[illegible]“[illegible]”[illegible]

[illegible]16[illegible]

[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”——[illegible]——[illegible]“[illegible]”[illegible]

[illegible]

[illegible]

[illegible]“[illegible]”[illegible]18[illegible]

[illegible]17[illegible]“[illegible]”[illegible]

---

[1] Simon Winchester□“Historical Tremors□” *New York Times*□May 15□2008.

[2] Jared Diamond□*Guns□Germs□and Steel□The Fate of Human Societies* □New York□1997□. See also Gregory Clark□□Princeton□2007□.

[3] David S. Landes□*The Wealth and Poverty of Nations*□New York□1997□□ Alfred F. Crosby□Jr.□*The Measure of Reality□Quantification and Western Society□ 1250-1600*□New York□2000□□reviewed by Roger Hart□Margaret Jacob□and Jack A. Goldstone in the *American Historical Review*□105□2000□□486-508□Deepak Lal□*Unintended Consequences*□Cambridge□1998□. See also David Levine□*At the Dawn of Modernity□Biology□Culture□and Material Life in Europe after the Year 10OO*□Berkeley□2001□.

[4] Kenneth Pomeranz□*The Great Divergence□China□Europe□and the Marking of the Modern World Economy*□Princeton□2000□. The critical literature on this proposition is best covered in James M. Bryant□"The West and the Rest Revisited□Debating Capitalist Origins□European Colonialism□and the Advent of Modernity□" *Canadian Journal of Sociology*□31□2006□. See also David Landes□ "East Is East and West Is West□" in Maxine Berg and Kristine Bruland□eds.□ *Technological Revolutions in Europe□Historical Perspectives*□Northampton□MA□ 1998□□19-38. For a more sympathetic response to Pomeranz□see P.H.H. Vries□ "Are Coal and Colonies Really Crucial□Kenneth Pomeranz and the Great Divergence□" *Journal of World History*□12□2001□.

[5] Jack A. Goldstone□"Efflorescences and Economic Growth in World History□Rethinking the'Rise of the West'and the Industrial Revolution□" *Journal of World History*□13□2002□.

[6] Karl Marx□*Contribution to the Critique of Political Economy*□New York□ 1977[originally published in 1859]□.

[7] Max Weber□*The Protestant Ethic and the Spirit of Capitalism*□trans. by Talcott Parsons□New York□1958[originally published in Germany in 1904-05]□□ 47-62.

[8] Adam Smith□*An Enquiry into the Nature and Causes of the Wealth of Nations*□New York□1937[Modern Library ed.]□□306□3□13□and 328.

[9] Joyce Oldham Appleby□*Economic Thought and Ideology in Seventeenth-Century England*□Princeton□1978□□158-70□199-216□242.

[illegible] [illegible]

[illegible]·[illegible]Christopher Columbus[illegible]13[illegible]

[illegible]1498[illegible]·[illegible]·[illegible]Vasco da Gama[illegible]“[illegible]”[illegible][1]

[illegible]

[illegible]·[illegible]

[illegible]·[illegible][2]

[illegible]16[illegible]17[illegible]18[illegible]

[illegible]

[illegible]·[illegible]·[illegible]Afonso de Albuquerque[illegible]1506[illegible]53[illegible]1511[illegible]

[illegible]1513[illegible]1515[illegible]“[illegible]”[illegible]

[illegible]·[illegible]Hernando Cortés[illegible]·[illegible]Francisco Pizarro[illegible]·[illegible]·[illegible]Juan Ponce de León[illegible]·[illegible]

[illegible]16[illegible]——[illegible]

[illegible]1494[illegible]16[illegible]60[illegible]16[illegible][3]1580[illegible]1640[illegible]

[illegible]16[illegible]18[illegible]

[illegible]

[illegible]

[illegible]4000[illegible]18[illegible]

[illegible]

[illegible]

[illegible]16[illegible]“[illegible]”[illegible]“[illegible]”[illegible]16[illegible]“[illegible]”[illegible]

[illegible]16[illegible]

[illegible]16[illegible]18[illegible]17[illegible]

[illegible]

[illegible]1509[illegible]

[illegible][4]

[illegible][5][illegible]50[illegible]

[illegible]1556[illegible]1598[illegible]16[illegible]80[illegible]1580[illegible]

[illegible]16[illegible]1560[illegible]

[illegible]MESTA[illegible]

[illegible]1605[illegible]·[illegible]·[illegible]Miguel de Cervantes[illegible]Don Quixote[illegible]

[illegible]

[illegible]1571[illegible]

[illegible]1564[illegible]

[illegible]·[illegible]Frances Drake[illegible]1572[illegible]Spanish silver fleet[illegible]24[illegible]·[illegible]Henry Morgan[illegible]

[illegible]16[illegible]

[illegible]

[illegible]1696[illegible]·[illegible]William Kidd[illegible][6][illegible]·[illegible]Edward Teach[illegible]“[illegible]”[illegible]

[illegible]17[illegible]·[illegible]Walter Raleigh[illegible]“[illegible]”

[illegible]16[illegible]1600[illegible]18[illegible]

[illegible]

[illegible]16[illegible]1648[illegible]19[illegible]

17[illegible]20[illegible]17[illegible]80[illegible]1688[illegible]“[illegible]”[illegible]

[illegible]17[illegible]“[illegible]……[illegible]……[illegible]”[illegible][7][illegible]

[illegible][8][illegible]

[illegible]——[illegible]——[illegible]

[illegible]

17[illegible]——[illegible]——[illegible]

[illegible]

[illegible]

[illegible]1609[illegible]

[illegible]——[illegible]50[illegible]

[illegible]17[illegible]1000[illegible]13:1[illegible][9][illegible]

[illegible][10]

[illegible]·[illegible]Daniel Defoe[illegible]“[illegible]……”[illegible]“[illegible]”[11][illegible][12]

[illegible]Rembrandt[illegible]Vermeer[illegible]

[illegible]“[illegible]”[illegible][13]1635[illegible]1644[illegible]

[illegible]1602[illegible]20[illegible]

[illegible]20[illegible]10[illegible][14][illegible]

[illegible]1619[illegible]——[illegible]1670[illegible]17[illegible]19[illegible][15]

[illegible]

[illegible]10[illegible]

[illegible]17[illegible]

[illegible]

16[illegible]

[illegible]

[illegible]·[illegible]（Winston Churchill[illegible]

[illegible]

[illegible]1624[illegible]14[illegible]

[illegible]1607[illegible]——[illegible]——[illegible]·[illegible]John Rolfe[illegible]Pocahontas[illegible]Orinoco[illegible]

[illegible]17[illegible]20[illegible]2[illegible]3[illegible]1618[illegible]5[illegible]8[illegible]30[illegible]17[illegible]20[illegible]1/24[illegible]

[illegible]

[illegible]·[illegible]·[illegible]·[illegible]Jean de La Roque[illegible]17[illegible]

[illegible] 1/3 [illegible][16]

[illegible]

[illegible]

16[illegible]17[illegible][17][illegible]

[illegible]17[illegible]

[illegible]17[illegible]

[illegible]17[illegible]18[illegible][18][illegible]

[illegible]16[illegible]

[illegible]

[illegible]18[illegible]20%[illegible]80%[illegible]

[illegible]16[illegible]17[illegible]——[illegible]——[illegible]

[illegible]

17[illegible]18[illegible]1830[illegible]

[illegible][19][illegible]18[illegible]

[illegible]2/3[illegible]1/3[illegible]

[illegible]“[illegible]”[illegible]

[illegible]

[illegible]80%[illegible]——[illegible]15[illegible]16[illegible] [20]

[illegible]

[illegible]17[illegible]

---

[1] C.R. Boxer□*Four Centuries of Portuguese Expansion□1415-1825□A Succinct Survey*□Berkeley□1969□□14□Holland Cotter□“Portugal Conquering and Also Conquered□” *New York Times*□June 28□2007.

[2] Alfred W. Crosby，Jr.，*The Columbian Exchange：Biological and Cultural Consequences of 1492*（Westport，CT，1972）.

[3] Leonard Y. Andaya，*The World of Maluku：Eastern Indonesia in the Early Modern Period*（Honolulu，1993），151；Sanjay Subrahmanyam，“Holding the World in Balance：The Connected History of the Iberian Overseas Empires，1500-1640，” *American Historical Review*，112（2007），1367-68.

[4] M.C. Ricklefs，*A History of Modern Indonesia*（Bloomington，1981），21.

[5] Kenneth Pomeranz and Steven Topik，*The World That Trade Created：Society，Culture，and the World Economy*，2nd ed.（Armonk，NY，2006），16-18.

[6] Robert C. Ritchie，*Captain Kidd and the War against the Pirates*（Cambridge，1986）.

[7] Christopher Hill，*The Century of Revolution，1602-1715*（Edinburgh，1961），32；see also Joyce Oldham Appleby，*Economic Thought and Ideology in Seventeenth-Century England*（Princeton，1978），32-35.

[8] Robert Brenner，*Merchants and Revolution：Commercial Change，Political Conflict，and London’s Overseas Traders，1550-1653*（Princeton，1993）.

[9] C.R. Boxer，*The Dutch Seaborne Empire，1600-1800*（New York，1970），43-44.

[10] Lynn Hunt，Thomas R. Martin，Barbara H. Rosenwein，R. Po-chia Hsia，and Bonnie G. Smith，*The Making of the West：People and Cultures，a Concise History*，2nd ed.（Boston，2007），494.

[11] Daniel Defoe，*A Plan of the English Commerce：Being a Compleat Prospect of the Trade of This Nation，as Well as the Home Trade and Foreign Trade*（London，1728），192，as quoted in Charles Wilson，*The Dutch Republic and the Civilization of the Seventeenth Century*（New York，1968），20.

[12] Wilson，*Dutch Republic*，27.

[13] Boxer，*Dutch Seaborne Empire*，22.

[14] Jan De Vries，“The Limits of Globalization in the Early Modern World，” *Economic History Review*（forthcoming），14.

[15] Boxer，*Dutch Seaborne Empire*，94.

[16] Pomeranz and Topik，*World That Trade Created*，80-83.

[17] Holland Cotter，“When the Islamic World Was Inspired by the West，” *New York Times*，March 28，2008.

[18] I am indebted to David Levine for this information.

[19] Charles P. Kindleberger，*A Financial History of Western Europe*，2nd ed.（New York，1993），173-76.

[20] Dennis O. Flinn and Arturo Giraldez，“Cycles of Silver：Global Economic Unity through the Mid-Eighteenth Century，” *Journal of World History*，13（2002），391-427.

[illegible]

[illegible]——[illegible]——[illegible]

[illegible]

[illegible]——[illegible]——[illegible]

[illegible]——[illegible]——[illegible]

[illegible]——[illegible]——[illegible]

[illegible]

[illegible]

[illegible]

[illegible]16[illegible]“[illegible]”[illegible]

[illegible]16[illegible]“[illegible]”

[illegible]——[illegible]——[illegible]

[illegible]

[illegible]8[illegible]16[illegible]17[illegible]80%[illegible]

[illegible]

[illegible]

[illegible]17[illegible]——[illegible]——[illegible]16[illegible]

[illegible] 18 [illegible]

[illegible] 15 [illegible] 16 [illegible] —— [illegible] —— [illegible] 1492 [illegible][1]

[illegible] 3000 [illegible]·[illegible] Hernando de Soto [illegible]

[illegible] "[illegible]" [illegible]

[illegible] 16 [illegible]

[illegible][2][illegible]1846[illegible]1848[illegible]1852[illegible]1/8[illegible]——100[illegible]1/4[illegible]

[illegible]16[illegible]13:1[illegible]17[illegible]

[illegible]19[illegible]

[illegible]

[illegible]1750[illegible]1%[illegible]20[illegible]14%[illegible]

[illegible]

[illegible]450[illegible]678[illegible]36[illegible]12[illegible]2[illegible]4[illegible]6[illegible]1[illegible]259[illegible][3][illegible]80%[illegible]

[illegible]16[illegible]17[illegible]

[illegible]

[illegible]——[illegible]

[illegible]1618[illegible]1648[illegible]“[illegible]”[illegible]35%[illegible]16[illegible]

[illegible]

[illegible]14[illegible]15[illegible]

[illegible]15[illegible]16[illegible]18[illegible]1[illegible]16[illegible]17[illegible]18[illegible]40[illegible]19[illegible]

18[illegible]·[illegible]·[illegible]Thomas Robert Malthus[illegible]“[illegible]”[4][illegible]36[illegible]

[illegible]——[illegible]10%[illegible]100[illegible]10[illegible]

[illegible]

[illegible]……[illegible]1798[illegible]17[illegible]·[illegible]Charles Darwin[illegible]·[illegible]Herbert Spencer[illegible]“[illegible]”[illegible]

[illegible]“[illegible]”[illegible]“[illegible]”[illegible]——[illegible]

[illegible]

[illegible][5][illegible]

[illegible]26[illegible]27[illegible]24[illegible]25[illegible]1/3[illegible]

[illegible]——[illegible]——[illegible]

[illegible]——[illegible]17[illegible]3[illegible]13[illegible]——[illegible]——[illegible]12[illegible]4/5[illegible]8[illegible]1/4[illegible][6]

[illegible]

[illegible]80%[illegible]——[illegible]——[illegible]——[illegible]

□□□□□□□□□□□——□□16□□□□□□□□□□□□□□□□□□□□□□□□□□

□□

□□□——□□□□□□15%□□

16□□□

□□——□□□□□□□□——□□□

16□□□

[illegible]50[illegible]

[illegible]16[illegible]17[illegible][7][illegible]

[illegible]18[illegible]

[illegible]

[illegible]16[illegible]

[illegible]1/3[illegible]1/4[illegible]

[illegible]

[illegible]1/3[illegible]1/3[illegible]1/3[illegible]

[illegible]

17[illegible]500[illegible]100[illegible]8[illegible]10[illegible][8][illegible]

[illegible]

[illegible]

[illegible]

[illegible]100[illegible]

[illegible]

[illegible]“[illegible]”[illegible]80%[illegible]3%[illegible]60%[illegible]

[illegible]

[illegible]——[illegible]——[illegible]17[illegible]

[illegible]

[illegible]——[illegible]

[illegible][9][illegible][10][illegible]

[illegible]

[illegible]

[illegible]——[illegible]——[illegible]17[illegible]

[illegible]

[illegible]

[illegible]

17[illegible]1730[illegible]18[illegible]1700[illegible]2000[illegible]1914[illegible]4000[illegible]——[illegible]——[illegible]25[illegible]

[illegible]1860[illegible]1520[illegible]80%[illegible]100[illegible]125[illegible]25[illegible]1600[illegible]1800[illegible]36%[illegible]60%[illegible]25%[illegible]60%[illegible]80%[illegible][11]19[illegible]17[illegible]

[illegible]16[illegible]——[illegible]——[illegible]

[illegible]16[illegible]“[illegible]”[illegible]17[illegible]

[illegible]

[illegible]17[illegible]

[illegible]

17[illegible]50[illegible]·[illegible]John Moore[illegible]·[illegible]Joseph Lee[illegible]“[illegible]40[illegible]”[illegible][12][illegible]

16[illegible]“[illegible]”[13][illegible]

17[illegible]·[illegible]Gregory King[illegible][14][illegible]

[illegible]1648[illegible]1650[illegible]

[illegible]1700[illegible]19[illegible]50[illegible][15]

[illegible]17[illegible]20%[illegible]18[illegible]“[illegible]”[illegible]1819[illegible]

[illegible]——[illegible]——[illegible]“‘[illegible]’[illegible]”[16]

17[illegible][17][illegible]

[illegible]18[illegible]16[illegible]

[illegible]

[illegible][18][illegible]18[illegible]ancien régime[illegible]

1787[illegible]1789[illegible]·[illegible]Arthur Young[illegible][19][illegible]

[illegible]6[illegible]30[illegible]

[illegible]“[illegible]”[illegible]

[illegible]

[illegible]

---

[1] Alfred W. Crosby□Jr.□*The Columbian Exchange□Biological and Cultural Consequences of 1492*□Westport□CT□1972□.

[2] Kenneth Pomeranz and Steven Topik□*The World That Trade Created□Society□Culture□and the World Economy*□2nd ed.□Armonk□NY□2006□□07.

[3] Quoted in Andrew B. Appleby□“Diet in Sixteenth-Century England□” in Charles Webster□ed.□*Health□Medicine and Mortality in the Sixteenth Century* □Cambridge□1979□.

[4] David Landes□*The Unbound Prometheus□Technological Change and Industrial Development in Western Europe from 1750 to the Present* □Cambridge□1969□□15-16.

[5] E.A. Wrigley and R.S. Schofield□*Population History of England And Wales* □London□1981□□E.A. Wrigley□*Introduction to English Historical Demography from the Sixteenth to the Nineteenth Century*□New York□1966□□96-159. See also Levine□*At the Dawn of Modernity*□294-99.

[6] Peter Laslett□*The World We Have* Lost□New York□1965□□1. I have converted English currency to American dollars.

[7] Fernand Braudel and Frank Spooner□“Prices in Europe□from 1450-1750□” in Edwin E. Rich and Charles Henry Wilson□eds.□*The Cambridge Economic*

History of Europe，vol.4（Cambridge，1967）.

[8] P.H.H. Vries，“Are Coal and Colonies Really Crucial？Kenneth Pomeranz and the Great Divergence，” *Journal of World History*，12（2001），4-5.

[9] Robert Brenner，“Agrarian Class Structure and Economic Development in Pre-Industrial Europe，” *Past and Present*，68-72；Robert Brenner，“Property and Progress，” in Chris Wickham（ed.）*Marxist History-Writing for the Twenty-first Century*（Oxford，2007）. Brenner，more than any other contemporary scholar，prompted a debate on the role of agriculture in modern economic change.

[10] T.H. Aston and C.E. Philpin（eds.）*The Brenner Debate：Agrarian Class Structure and Economic Development in Pre-Industrial Europe*（Cambridge，1985）.

[11] Wrigley，*Continuity，Chance，and Change：The Character of the Industrial Revolution in England*（Cambridge，1988），12-13.

[12] Quoted in Joyce Oldham Appleby，*Economic Thought and Ideology in Seventeenth-Century England*（Princeton，1978），59-64.

[13] Quoted in Joyce Oldham Appleby，*Economic Thought and Ideology in Seventeenth-Century England*（Princeton，1978），130.

[14] D.V. Glass，“Gregory King’s Estimation of the Population of England and Wales，1695，” *Population Studies*，2（1950）.

[15] E.A. Wrigley and R.S. Schofield，*The Population History of England，1541-1871：A Reconstruction*（London，1981）；Gregory Clark，“Too Much Revolution：Agriculture in the Industrial Revolution，1700-1860，” in Joel Mokyr，ed.，*The British Industrial Revolution：An Economic Perspective*，2nd ed.（Boulder，1999），238-39.

[16] Thomas Culpeper，*Plain English*（London，1673）.

[17] Robert C. Allen，“Economic Structure and Agricultural Productivity in Europe，1300-1800，” *European Review of Economic History*，4（2000），6-8.

[18] Brenner，“Agrarian Class Structure，” 68-72.

[19] Arthur Young，*Travels in France during the years 1787，1788，and 1789*（Dublin，1793），I:130.

[illegible]

17[illegible]“[illegible]”[illegible]

[illegible]

[illegible]

[illegible]

[illegible]“[illegible]”“[illegible]”“[illegible]”“[illegible]”[illegible]

[illegible]

[illegible]17[illegible]“[illegible]”[illegible]——[illegible]——[illegible]

[illegible]17[illegible][1][illegible]

[illegible]·[illegible]Isaac Newton[illegible]

[illegible][2]

[illegible]18[illegible]·[illegible]（Samuel Johnson）[illegible]“[illegible]”[illegible][3][illegible]

1776[illegible]·[illegible]18[illegible]1707[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]·[illegible]·[illegible]（Edmund Burke）[illegible]“[illegible]”[illegible][4][illegible]

[illegible]17[illegible]1690[illegible]50[illegible]500[illegible]10%[illegible]

[illegible]8000[illegible]

[illegible]1/6[illegible]——[illegible]——[illegible] [5]

[illegible]16[illegible]17[illegible]17[illegible]1689[illegible]

[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]17[illegible]

[illegible]“[illegible]”[illegible]——[illegible]——[illegible]19[illegible]（Napoleon Bonaparte）[illegible]“[illegible]”[illegible]

[illegible]——[illegible]——[illegible]

[illegible]

1994[illegible]I.[illegible]Iñaki Gabilondo[illegible][6]

[illegible]“[illegible]”[illegible]——[illegible]——[illegible]

17[illegible]20[illegible]

[illegible]

[illegible]17[illegible][7]

[illegible]·[illegible]Thomas Mun[illegible]“[illegible]……[illegible]”[illegible]“[illegible]”[8][illegible]1621[illegible]

[illegible]——[illegible]——[illegible]

[illegible]

17[illegible]20[illegible]——[illegible]——[illegible]

[illegible]·[illegible]Francis Bacon[illegible]17[illegible]——[illegible]——[illegible]·[illegible]Galileo Galilei[illegible]·[illegible]Robert Boyle[illegible]

[illegible]

[illegible]

[illegible]“[illegible]……”[illegible]

[illegible]“[illegible]”[illegible][9][illegible]

[illegible]14[illegible]15[illegible]
[illegible][10]

[illegible]Luther[illegible]Calvin[illegible]1488[illegible]Henry VIII[illegible]10%[illegible]8%[illegible]1652[illegible]6%[illegible]17[illegible][11]

[illegible]17[illegible]15[illegible]16[illegible]

[illegible]17[illegible]

[illegible]“[illegible]”[illegible]

[illegible]

[illegible]17[illegible]

17[illegible]1663[illegible]——[illegible]——[illegible]

[illegible]1687[illegible]

[illegible]17[illegible]

[illegible]

[illegible]“[illegible]”[illegible]career[illegible]“[illegible]”[illegible]individual[illegible]“[illegible]”[illegible]expertise[illegible]“[illegible]”[illegible]interest[illegible]“[illegible]”[illegible]manager[illegible]19[illegible]“[illegible]”[illegible]17[illegible]“[illegible]”[illegible]

[illegible]200%[illegible]20%[illegible]

[illegible]·[illegible]

[illegible]1690[illegible][12][illegible]“[illegible]”[illegible]Calicut[illegible]“[illegible]”[illegible]Chintz[illegible]“[illegible]”[illegible]“[illegible]”[illegible]seersucker[illegible]“[illegible]”[illegible]“[illegible]”[illegible]gingham[illegible]“[illegible]”[illegible]

[illegible]

[illegible]——[illegible]——[illegible][13][illegible]“[illegible]”[illegible]

[illegible]“[illegible]”[illegible]“[illegible]”[illegible][14][illegible]

[illegible]“[illegible]”[15][illegible]

[illegible]

[illegible]

1700[illegible]18[illegible]80%[illegible][16][illegible]

[illegible][17]18[illegible]250[illegible]300[illegible]

[illegible]

[illegible]·[illegible]

[illegible]“[illegible]”[illegible]

18[illegible]“[illegible]”[illegible]17[illegible]

[illegible]

[illegible]——[illegible]——[illegible]——[illegible]

[illegible]——[illegible]——[illegible]

[illegible]

[illegible]

1695[illegible]25%[illegible]

[illegible]——[illegible]

[illegible]

[illegible]

[illegible]——[illegible]——[illegible]

[illegible]“[illegible]”[illegible][18][illegible]

[illegible]“[illegible]”[illegible][19][illegible]

[illegible]

[illegible]1/4[illegible]1/2[illegible]

[illegible]

1689[illegible]

[illegible]——[illegible]——[illegible]

[illegible]1712[illegible]1715[illegible]

[illegible]·[illegible]John Law[illegible]Mississippi Company[illegible]

[illegible]18[illegible]20[illegible]70[illegible]·[illegible]David Hume[illegible]19[illegible]·[illegible]David Ricardo[illegible]·[illegible]·[illegible]John Stuart Mill[illegible][20]

[illegible]19[illegible]

[illegible][21]

18[illegible]18[illegible][22]

[illegible]“[illegible]……[illegible]”[illegible][23][illegible]“[illegible]”[illegible]

[illegible]

[illegible]

[illegible]17[illegible]·[illegible]·[illegible]Jean-Baptiste Colbert[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible][24]

[illegible][25][illegible]18[illegible]70[illegible]·[illegible]de Turgot[illegible]

[illegible]

[illegible]

[illegible]

18[illegible]18[illegible]·[illegible]

[illegible]18[illegible]

[illegible]2006[illegible]17[illegible]19[illegible]

[illegible]600[illegible]17[illegible]

[illegible]18[illegible]

[illegible]1689[illegible]“[illegible]”[illegible]

[illegible]·[illegible]19[illegible]20[illegible]“[illegible]”[illegible]ceteris paribus[illegible]——“[illegible]”——[illegible]

[illegible]17[illegible]18[illegible]

[illegible]——[illegible]——[illegible]

[illegible]18[illegible]

[illegible]——[illegible]——[illegible]——[illegible]——[illegible]

[illegible]18[illegible]

---

[1] D.V.Glass□"Gregory King's Estimation of the Population of England and Wales□1695□" *Population Studies*□2□1950□.

[2] Locke Manuscripts□Cambridge University Library□Cambridge□England.

[3] Boswell's *Life of Johnson*□ed. George Birkbeck Hill□Oxford□1887□□Ⅱ:323.

[4] Quoted in R.D. Collinson Black□"Smith's Contribution in Historical Perspective□" in T. Wilson and A.S. Skinner□eds.□*The Market and the State*□*Essays in Honour of Adam Smith*□Oxford□1976□.

[5] E.A. Wrigley□“A Simple Model of London’s Importance in Changing English Society and Economy 1650-1750□” *Past and Present*□37□July 1967□□44-47.

[6] *Puerta del Sol*□vol.5□no.6□1994□.

[7] B.E. Supple□*Commercial Crisis and Change in England□1600-1642*□Cambridge□1959□□231-36.

[8] *England’s Treasure by Forraign Trade*□London□1664[originally published in 1622]□□218-19. Spelling has been modernized.

[9] Benjamin Nelson□*The Idea of Usury□From Tribal Brotherhood to Universal Otherhood*□2nd ed.□Chicago□1969[originally published in 1949]□.

[10] Benjamin Nelson□*The Idea of Usury□From Tribal Brotherhood to Universal Otherhood*□2nd ed.□Chicago□1969[originally published in 1949]□□229ff□74ff. See also Joyce Oldham Appleby□*Economic Thought and Ideology in Seventeenth-Century England*□Princeton□1978□□63-69.

[11] Timur Kuran□“Explaining the Economic Trajectories of Civilization□*The Systemic Approach*□” *Journal of Economic Behavior and Organization*□2009□in press□.

[12] Appleby□*Economic Thought and Ideology*□158-98.

[13] Jan De Vries□“The Industrial Revolution and the Industrial Revolution□” Paper presented at the Fifty-third Annual Meeting of the Economic History Association□June 1994□□257.

[14] [Nicholas Barbon]□*A Discourse of Trade*□1690□□15□[Dalby Thomas]□*An Historical Account of the West-India Colonies*□London□1690□□6□both quoted in Appleby□*Economic Thought and Ideology*□169-71.

[15] [Barbon]□A *Discourse of Trade*□15□[Sir Dudley North]□*Discourses upon Trade*□London□1681□□14□[John Cary]□*An Essay on the State of England*□Bristol□1695□□143ff.□quoted in Appleby□*Economic Thought and Ideology*□169-70.

[16] Robert C. Allen□“The British Industrial Revolution in Global Perspective”□2006□□3-7□available on the Internet.

[17] H-J. Voth□“Time and Work in Eighteenth-Century London□” *Journal of Economic History*□58□1998□□36-37.

[18] [Henry Layton]*Observations Concerning Money and Coin*□London□1697□□12□quoted in Appleby□*Economic Thought and Ideology*□237.

[19] Appleby□*Economic Thought and Ideology*□234.

[20] Irwin Unger□*The Greenback Era□A Social and Political History of American Finance□1865-1879*□Princeton□1964□□38-40.

[21] This and the previous paragraph have been drawn from Mark Dincecco□“Fiscal Centralization□Limited Government□and Public Revenues in Europe□1658-1913□” Paper given at the Van Gremp Seminar□UCLA□April 28□2007□□also available through scholar. Google. com.

[22] Richard B. Sheridan□*Sugar and Slavery□An Economic History of the British West Indies□1623-1775*□Baltimore□1974□□436-37.

[23] *Some Thoughts Concerning the Better Security of Our Trade and Navigation*□London□1685□□4.

[24] Jeff Horn□*The Path Not Taken□French Industrialization in the Age of Revolution□1750-1830*□Cambridge□2006□□51-53.

[25] Elizabeth Fox-Genovese□*The Origins of Physiocracy□Economic Revolution and Social Order in Eighteenth-Century France*□Ithaca□1976□□Horn□*Path Not Taken*□21□30□51-53.

[illegible] 18[illegible]

[illegible]20[illegible]1100[illegible]18[illegible]

[illegible]18[illegible]

[illegible]17[illegible]

[illegible]

[illegible]

[illegible]·[illegible]Thomas Newcomen[illegible]·[illegible]Richard Arkwright[illegible]

[illegible]——[illegible]——[illegible]17[illegible] de novo[illegible]

[illegible]

17[illegible]1689[illegible]1815[illegible]8[illegible]63[illegible][1][illegible]

[illegible]·[illegible]·[illegible]James Fenimore Cooper[illegible]

[illegible]1501[illegible]1820[illegible]870[illegible]1820[illegible]1888[illegible]230[illegible]260[illegible]1100[illegible]10[illegible]70%[illegible][2]

[illegible]15[illegible]

[illegible]“[illegible]”[illegible]

[illegible]9000[illegible]11000[illegible]1000[illegible]1200[illegible]1/10[illegible]——[illegible]19[illegible]——[illegible]

[illegible]

[illegible]1495[illegible]500[illegible]16[illegible]·[illegible]·[illegible]Bartolomé de Las Casas[illegible]1511[illegible][3][illegible]——[illegible]1595[illegible]4250[illegible]1713[illegible]

[illegible][4][illegible]15[illegible]

[illegible][5][illegible]13[illegible]15[illegible]slav[illegible]“[illegible]”[illegible]16[illegible]18[illegible]100[illegible]15[illegible]1000[illegible]3500[illegible][6]

[illegible]

[illegible][7]

[illegible]

[illegible]400[illegible]1/3[illegible]

[illegible]Council of the Indies[illegible]16[illegible]——[illegible]“[illegible]”[illegible]——[illegible][8]

[illegible]1634[illegible]24[illegible]

[illegible]500[illegible]

[illegible]18[illegible]18[illegible]

[illegible]19[illegible]3500[illegible]8[illegible]12[illegible]150[illegible]400[illegible]12%[illegible]15%[illegible]10%[illegible][9]

16[illegible]Royal African Company[illegible]17[illegible]18[illegible]90[illegible]1713[illegible]

[illegible][10][illegible]

[illegible]10[illegible]13[illegible]17[illegible]1690[illegible]1700[illegible]18[illegible]19[illegible]30[illegible][11][illegible]

[illegible]

[illegible]1607[illegible][12][illegible]“[illegible]”[illegible]

[illegible]1619[illegible]20[illegible]·[illegible]William Berkeley[illegible]“[illegible]”[illegible][13]

[illegible]“[illegible]”[illegible]18[illegible]10[illegible]10%[illegible]40%[illegible]300[illegible]

[illegible]1663[illegible][14][illegible]1720[illegible]

[illegible]——[illegible]1793[illegible]·[illegible]Eli Whitney[illegible]1815[illegible]1700[illegible]1860[illegible]1.92[illegible]400[illegible]

[illegible]1714[illegible]“[illegible]”[illegible][15][illegible]

[illegible]

[illegible]19[illegible]

[illegible]“[illegible]”[illegible]

[illegible]——[illegible]

[illegible]——[illegible]——[illegible]1888[illegible]18[illegible]20[illegible]

[illegible][16]

[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[17]

[illegible]1/4[illegible]

[illegible] 6% [illegible] [18] [illegible] 3/4 [illegible] 50 [illegible]

[illegible] 18 [illegible] 1789 [illegible] 5 [illegible] 50 [illegible] 100 [illegible] [19]

[illegible] 30 [illegible] 12 [illegible]

1883 [illegible] 1848 [illegible] 1863 [illegible] 1886 [illegible] 1888 [illegible] [20] 1867 [illegible] 20 [illegible]

[illegible] [21] [illegible] 60 [illegible] —— [illegible] 200 [illegible] 19 [illegible]

[illegible]

[illegible]18[illegible]“[illegible]”[illegible]19[illegible]

“[illegible]”[illegible]——“[illegible]”“[illegible]”“[illegible]”“[illegible]”[illegible]“[illegible]”——[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]18[illegible]——[illegible]——[illegible]·[illegible]

[illegible]——[illegible]80%[illegible]40%——[illegible]

[illegible]

[illegible]——[illegible]17[illegible]18[illegible]

[illegible]——[illegible]——[illegible][22][illegible][23]

[illegible]1650[illegible]40[illegible]1700[illegible]57.5[illegible]1750[illegible]67.5[illegible]1800[illegible]80[illegible]8000[illegible]10000[illegible][24]

[illegible]18[illegible]1666[illegible]

[illegible]

[illegible][25][illegible]

[illegible][26]18[illegible]15[illegible]·[illegible]·[illegible]Leonardo da Vinci[illegible][27]

[illegible]

[illegible]“[illegible]”[illegible]·[illegible]Thomas Savery[illegible]

1632[illegible]“[illegible]”[illegible]19[illegible]

[illegible]

[illegible]17[illegible]1642[illegible]15[illegible]

[illegible]20[illegible]1689[illegible]

[illegible][28]

[illegible]1662[illegible]Royal Society[illegible]

[illegible]“[illegible]”[illegible][29]

[illegible]17[illegible]

[illegible]18[illegible]·[illegible]Benjamin Franklin[illegible][30]

[illegible]18[illegible]1751[illegible]·[illegible]Denis Diderot[illegible]·[illegible]·[illegible]Jean Le Rond d’Alembert[illegible]72000[illegible]·[illegible][31][illegible]

[illegible]“[illegible]”[illegible][32][illegible]——[illegible]——[illegible]

[illegible]

[illegible]

[illegible]1705[illegible]·[illegible]Abraham Darby[illegible][33]

[illegible][34]1800[illegible]1600[illegible]100[illegible]45[illegible][35][illegible]81%[illegible]

[illegible][36][illegible]

[illegible]1769[illegible]“[illegible]”[illegible]

18[illegible][37][illegible]1[illegible]550[illegible]1[illegible]750[illegible]19[illegible]10[illegible]19[illegible]20[illegible]·[illegible]George Stephenson[illegible]·[illegible]Matthew Boulton[illegible]1819[illegible]

[illegible]

19[illegible]20[illegible]——[illegible]100[illegible]20[illegible]18[illegible]20[illegible]200[illegible]20[illegible]40[illegible][38][illegible]19[illegible]

[illegible]16[illegible]18[illegible]25

[illegible]·[illegible]Josiah Wedgwood[illegible]

[illegible][39]

[illegible]

[illegible]1000[illegible]952[illegible]70[illegible][40]

18[illegible]

□□□□□□□□□18□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□18□□90□□□[41]□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

□□[42]□□□

□□·□□□□□□James Hargreaves□□□□□·□□□□□Thomas Arkwright□□8□□□□80□□□600□□□□□□□□□□□□□□□□□□□□□□□□□□□·□□□□□Edmund Cartwright□□1785□□□·□□□□□Samuel Crompton□□□

□□·□□□·□□□□Eliza Lucas Pinckney□□

[illegible]

[illegible]19[illegible]1793[illegible]50[illegible]20[illegible]18[illegible]

[illegible]

[illegible]·[illegible]William Blake[illegible]“[illegible]”[illegible][43][illegible]12[illegible]19[illegible]

[illegible]5[illegible]19[illegible]20[illegible]·[illegible]Ned Lud[illegible]

[illegible]20[illegible]10[illegible]

1809[illegible]1200[illegible]400[illegible]1846[illegible]1848[illegible][44]

[illegible]19[illegible]19[illegible]30[illegible]“[illegible]”[illegible]The Captain Swing[illegible]19[illegible][45][illegible]

[illegible][46][illegible]

[illegible]

[illegible]·[illegible]

[illegible]

[illegible]——[illegible]——[illegible]17[illegible]

[illegible]“[illegible]”[illegible]——[illegible][47]18[illegible]

18[illegible]“[illegible]”[illegible]

[illegible]R.[illegible]Richard Roberts[illegible]J.[illegible]John Mercer[illegible]1825[illegible]20[illegible][48]

[illegible]

18[illegible]

[illegible]1787[illegible]——[illegible]19[illegible]

[illegible]·[illegible]Joseph Priestley[illegible]1794[illegible]18[illegible][49]

[illegible]

[illegible]

1776[illegible]·[illegible]·[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[50]

[illegible]

[illegible]·[illegible]“[illegible]”[illegible]“[illegible]”[51][illegible]1723[illegible]1790[illegible]“[illegible]”[illegible]

[illegible]·[illegible]·[illegible]

[illegible]

[illegible]19[illegible]

[illegible]·[illegible]1773[illegible]“[illegible]”[illegible]——[illegible]——[illegible]“[illegible]”[illegible]“[illegible]”。[52]

[illegible]

[illegible]——[illegible]19[illegible]

18[illegible]

[illegible]——[illegible]19[illegible]19[illegible]50[illegible]

[illegible]18[illegible]

[illegible]18[illegible][53][illegible]——[illegible]——[illegible]

[illegible]“[illegible]”[illegible]

[illegible]

[illegible]1801[illegible]—[illegible]25[illegible]26[illegible]28[illegible]19[illegible]20[illegible]40[illegible]1/4[illegible]1868[illegible]

[illegible]——[illegible]——[illegible]

---

[1] These were the War of the League of Augsburg□1689-1697□□War of the Spanish Succession□1702-1713□□War of Jenkins’s Ear□1739-1741□□War of the Austrian Succession□1740-1748□□Seven Years’War□1756-1763□□War of the American Revolution□1777-1783□□War of the French Revolution□1792-1800□□Napoleonic Wars□1803-1815□.

[2] David Brion Davis□*Inhuman Bondage□The Rise and Fall of Slavery in the New World*□Oxford□2006□□80□David Eltis□“The Volume and Structure of the Transatlantic Slave Trade□A Reassessment□” *William and Mary Quarterly*□58□2001□.

[3] Peter Bakewell□*A History of Latin America*□2nd ed.□2004□□153-57.

[4] Kenneth Pomeranz and Steven Topik□*The World That Trade Created□Society□Culture□and the World Economy*□2nd ed.□Armonk□NY□2006□□88-89.

[5] Arnold Pacey□*Technology in World Civilization□A Thousand-Year History*□Cambridge□1991□□100.

[6] Davis□*Inhuman Bondage*□83-85.

[7] Pomeranz and Topik□*World That Trade Created*□104-07.

[8] Richard S. Dunn□*Sugar and Slaves□The Rise of the Planter Class in the English West Indies*□Chapel Hill□1972□□9-10.

[9] Davis□*Inhuman Bondage*□92-93.

[10] Jan De Vries□"The Limits of Globalization in the Early Modern World□" *Economic History Review*□forthcoming□□8.

[11] Frank Tannenbaum□*Slave and Citizen□The Negro in America*□New York□1947□□33.

[12] See Chapter 2 for a fuller account of Virginia's tobacco boom.

[13] Edmund Morgan□*American Slavery□American Freedom□The Ordeal of Colonial Virginia*□New York□1975□□24-26.

[14] Peter H. Wood□*Black Majority□Negroes in Colonial South Carolina from 1676 through the Stono Rebellion*□New York□1974□□30-42.

[15] Martha Schwendener□"Growing Up in the Caribbean□Inspiring Artists over the Centuries□" *New York Times*□June 29□2007□Pomeranz and Topik□*World That Trade Created*□72-73.

[16] Tannenbaum□*Slave and Citizen*□48-54.

[17] Carl N. Degler□*Neither Black nor White□Slavery and Race Relations in Brazil and the United States*□New York□1971□□245-56□Davis□*Inhuman Bondage*□120-21□Tannenbaum□*Slave and Citizen*□10.

[18] www.digitalhistory.uh.edu/black_voices_display.cfn□id-24.

[19] Bryan Edwards□*The History□Civil and Commercial□of the British Colonies in the West Indies*□5 vols.□London□1810□□2□287-89□quoted by James Epstein□"Politics of Colonial Sensation□The Trial of Thomas Picton and the Cause of Louisa Calderon□" *American Historical Review*□112□June 2007□□714□n.17.

[20] Davis□*Inhuman Bondage*□240-48.

[21] Eric Williams*Capitalism and Slavery*London1944.

[22] James M. Bryant“The West and the Rest RevisitedDebating Capitalist OriginsEuropean Colonialismand the Advent of Modernity” *Canadian Journal of Sociology*312006434Joel Mokyr*The Gifts of AthenaHistorical Origins of the Knowledge Economy*Princeton2002123.

[23] David Levine*Family Formation in an Age of Nascent Capitalism*New York197777-78146-47.

[24] E.A. Wrigley“A Simple Model of London’s Importance in Changing English Society and Economy 1650-1750” *Past and Present*37196748.

[25] E.A. Wrigley*ContinuityChanceand ChangeThe Character of the Industrial Revolution in England*Cambridge198826-293256.

[26] Robert C. Allen*The British Industrial Revolution in Global PerspectiveHow Commerce Created the Industrial Revolution and Modern Economic Growth*forthcomingApril 2009http//www.nuffield.ox.ac.uk/users/allen/unpublished/econinvent-3.pdf.

[27] Mokyr*Gifts of Athena*75n.72.

[28] Margaret C. Jacob*Scientific Culture and the Making of the Industrial West*Oxford1997.

[29] Margaret C. Jacob and Larry Stewart*Practical MatterNewton’s Science in the Service of Industry and Empire1687-1851*Cambridge200438-41Mokyr*Gifts of Athena*44-45.

[30] Jacob and Stewart*Practical Matter*83-87Joyce Chaplin*The First Scientific AmericanBenjamin Franklin and the Pursuit of Genius*New York200629-33.

[31] Allen*British Industrial Revolution*10Mokyr*Gifts of Athena*68.

[32] Chaplin*The First Scientific American*29-33Jacob and Stewart*Practical Matter*9597the quote is from p.93.

[33] Pacey*Technology in World Civilization*111-12Allen*British Industrial Revolution*27.

[34] Paul Collier□*The Bottom Billion□Why the Poorest Countries Are Failing and What Can Be Done about It*□Oxford□2007□□82-84.

[35] Allen□*British Industrial Revolution*□28.

[36] Eric Robinson and A.E. Musson□*James Watt and the Steam Revolution□A Documentary History*□London□1969□□4-6.

[37] Jack A. Goldstone□“Efflorescences and Economic Growth in World History□Rethinking the‘Rise of the West’and the Industrial Revolution□” *Journal of World History*□13□2002□□363.

[38] J.R. McNeill□*Something New under the Sun□An Environmental History of the Twentieth-Century World*□New York□2000□□13□315.

[39] Neil McKendrick□“Josiah Wedgwood and Factory Discipline□” *Historical Journal*□1961□.

[40] Pacey□*Technology in World Civilization*□101.

[41] Charles P. Kindleberger□*A Financial History of Western Europe*□2nd ed.□Oxford□1993□□193.

[42] Pacey□*Technology in World Civilization*□116.

[43] A.E. Musson□“Industrial Motive Power in the United Kingdom□1800-70□” *Economic History Review*□29□1976□□415-17□Mokyr□*Gifts of Athena*□131-40.

[44] Walter G. Moss□*An Age of Progress*□□*Clashing Twentieth-Century Global Forces*□New York□2008□□74-75.

[45] Adrian J. Randall□“The Philosophy of Luddism□The Case of the West of England Woolen Workers□ca. 1790-1809□” *Technology and Culture*□27□1986□□1-8□Mokyr□*Gifts of Athena*□267□Jeff Horn□*The Path Not Taken□French Industrialization in the Age of Revolution□1750-1830*□Cambridge□2006□□96-101.

[46] Raphael Samuel□“Workshop of the World□Steam Power and Hand Technology in Mid-Victorian Britain□” *History Workshop*□no.3□1977□.

[47] Mokyr□*Gifts of Athena*□87□Christine MacLeod□“James Watt□Heroic Invention and the Idea of the Industrial Revolution□” in Maxine Berg and Kristine Bruland□eds.□*Technological Revolutions in Europe□Historical Perspectives*□Northampton□MA□1998□□96-98.

[48] Mokyr，*Gifts of Athena*，48，65，72.

[49] Jan De Vries，“The Industrious Revolution and the Industrial Revolution，” Papers Presented at the Fifty-third Annual Meeting of the Economic History Association（June 1994）.

[50] Adam Smith，*An Enquiry into the Nature and Causes of the Wealth of Nations*（New York，1937 [Modern Library ed.]），306，3，328.

[51] Adam Smith，*An Enquiry into the Nature and Causes of the Wealth of Nations*（New York，1937 [Modern Library ed.]），13.

[52] Thomas Paine，*Common Sense*，ed. Isaac Kramnick（London，1976），65-72，228.

[53] Lynn Hunt，*Inventing Human Rights：A History*（New York，2007），24-32.

[illegible]

19[illegible]19[illegible]2/3[illegible]

[illegible]“[illegible]”[illegible]

[illegible]19[illegible]“[illegible]”[illegible][1]

[illegible]19[illegible]

[illegible]

[illegible]18[illegible]1000[illegible][2][illegible]

[illegible]1811[illegible]40%[illegible]22%[illegible]38%[illegible][3][illegible]1780[illegible]1830[illegible]300%——[illegible]

[illegible]1701[illegible]1851[illegible]“[illegible]”[illegible]13000[illegible]“[illegible]”“[illegible]”[illegible]“[illegible]”[illegible]19[illegible]20[illegible]

[illegible]22[illegible]20[illegible]“[illegible]”[illegible]

[illegible]——[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]20[illegible]1850[illegible]1870[illegible]1886[illegible]7[illegible][4][illegible]——[illegible]

[illegible]

[illegible]1790[illegible]400[illegible]

[illegible]75[illegible]

1789[illegible]——[illegible]——[illegible]19[illegible]

[illegible]19[illegible]10[illegible]800[illegible]

[illegible]Concert of Europe[illegible]“[illegible]”[illegible]

[illegible]

[illegible][5][illegible]“[illegible]”[illegible]

[illegible]

[illegible]350[illegible]18[illegible]19[illegible][6]

[illegible]——1807[illegible]1832[illegible]65%[illegible]40%[illegible][7]

[illegible]1816[illegible]100[illegible]1858[illegible]200[illegible]19[illegible]

[illegible]19[illegible]

[illegible]

[illegible]1817[illegible]

[illegible][8][illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]19[illegible]20[illegible]19[illegible]19[illegible]30[illegible]

[illegible]——[illegible][9][illegible]

[illegible]——“[illegible]”[illegible]20[illegible]“[illegible]”——[illegible]

[illegible]·[illegible]·[illegible]Otto von Bismarck[illegible]1817[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]—[illegible]19[illegible]900[illegible]80%[illegible][10]

[illegible]

[illegible]1789[illegible]

[illegible]·[illegible]Alexander Hamilton[illegible]·[illegible]“[illegible]”[illegible]

[illegible]17[illegible]

[illegible]1774[illegible]135[illegible]·[illegible]Elizabeth Hemings[illegible]9[illegible]52[illegible]70[illegible]

[illegible]1801[illegible]1808[illegible]

[illegible]

[illegible]1820[illegible]100[illegible][11]

1801[illegible]·[illegible]Thomas Jefferson[illegible]

[illegible][12]19[illegible][13][illegible]·[illegible]John Marshall[illegible]

[illegible]

[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]1774[illegible]15[illegible]·[illegible]George Washington[illegible]“[illegible]”[illegible]1812[illegible]160[illegible]1815[illegible]150[illegible][14][illegible]19[illegible]

[illegible]“[illegible]”[illegible]

[illegible]1860[illegible]1920[illegible]400[illegible]12%[illegible][15][illegible]——[illegible]——[illegible]

[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]150[illegible][16][illegible]·[illegible]Levi Dickinson[illegible]1883[illegible]50[illegible]“[illegible]‘[illegible]’[illegible]”[illegible]“[illegible]”[illegible][17]

[illegible]200[illegible]1[illegible]20[illegible][18]

1834[illegible]Patent Office[illegible][19][illegible]——[illegible]19[illegible]

[illegible]·[illegible]·[illegible]Elias Hasket Derby[illegible]Black Ball Line[illegible]

[illegible]·[illegible]Alexis de Tocqueville[illegible]“[illegible]……[illegible]9/10[illegible]3/4[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”

> [illegible][20]

[illegible]

[illegible]19[illegible]20[illegible]·[illegible]·[illegible]Olive Cleaveland Clarke[illegible]17[illegible][21][illegible]·[illegible]25[illegible]17[illegible]200[illegible]

19[illegible]20[illegible]45[illegible]35[illegible]1800[illegible]7[illegible]9[illegible][22][illegible]1820[illegible]20[illegible]58%[illegible]1899[illegible]44%[illegible]22%[illegible][23][illegible]60[illegible]80%[illegible][24][illegible]60%[illegible]80%[illegible]19[illegible]50[illegible]

[illegible]

[illegible]·[illegible]John Jervis[illegible]1836[illegible]19[illegible]30[illegible]19[illegible]40[illegible]80%[illegible]1856[illegible][25]

[illegible]19[illegible]1[illegible]58%[illegible]29%[illegible]19%[illegible]1%[illegible][26][illegible]9000[illegible][27][illegible]

19[illegible]30[illegible]20[illegible]·[illegible]Joseph Schumpeter[illegible]“[illegible]”[illegible][28][illegible]“[illegible]”[illegible]“[illegible]”[illegible]——“[illegible]”[illegible]

[illegible]18[illegible]·[illegible]·[illegible]10[illegible]15[illegible]1837[illegible]·[illegible]Charles Wheatstone[illegible]

[illegible]·[illegible]Samuel Morse[illegible]

[illegible]·[illegible]·[illegible]·[illegible]Ernst Werner von Siemens[illegible][29][illegible]

[illegible]1845[illegible]·[illegible]Henry Clay[illegible]“[illegible]”33[illegible]1877[illegible]——[illegible]

[illegible]1871[illegible]1875[illegible]

[illegible]

[illegible][30][illegible]

[illegible]

[illegible]1865[illegible]New York Central Railroad[illegible]1/4[illegible][31][illegible]

[illegible]19[illegible]50[illegible]19[illegible][32][illegible]——[illegible]

[illegible]

[illegible]

[illegible]19[illegible]

[illegible][33][illegible]

[illegible][34][illegible]

1800[illegible]Bank of France[illegible]19[illegible]60[illegible][35]1848[illegible]Crédit Mobilier[illegible]

1817[illegible]1911[illegible]12%[illegible]15%[illegible]15%[illegible]20%[illegible]“[illegible]”[illegible][36][illegible][37]

18[illegible]90[illegible]“[illegible]”[illegible]20[illegible]“[illegible]”[illegible]“[illegible]”[illegible][38][illegible]19[illegible]

19[illegible]50[illegible]1848[illegible]·[illegible]James Marshall[illegible]1/3[illegible]25[illegible]25[illegible][39]19[illegible]50[illegible]150[illegible]

[illegible]1836[illegible]——[illegible]Bank of the United States[illegible]·[illegible]Andrew Jackson[illegible]“[illegible]”[illegible]1863[illegible]——[illegible]——[illegible]Gross National Product[illegible]GNP[illegible]1/5[illegible][40]

[illegible]19[illegible]·[illegible]19[illegible]·[illegible]·[illegible]William Jennings Bryan[illegible]1879[illegible]·[illegible]Mark Twain[illegible]19[illegible]70[illegible]·[illegible]Beriah Sellers[illegible]50[illegible][41]

[illegible]1913[illegible][42][illegible]

[illegible]

[illegible]

[illegible][43][illegible]

[illegible]19[illegible]

[illegible][44][illegible]19[illegible]19[illegible]

18[illegible]1856[illegible]20[illegible][45][illegible][46]

[illegible]19[illegible]

[illegible]

[illegible]1867[illegible]1872[illegible]

[illegible]19[illegible]1907[illegible]20[illegible][47]

[illegible][48][illegible]

1873[illegible]

1873[illegible]26[illegible]1873[illegible]

[illegible][49][illegible]20[illegible]

1873[illegible]19[illegible]90[illegible]

19[illegible]70[illegible]19[illegible]70[illegible]——[illegible]——[illegible]200[illegible][50]

[illegible]1873[illegible]1880[illegible]19[illegible]80[illegible]90[illegible]

[illegible]19[illegible]90[illegible]·[illegible]·[illegible]1896[illegible]

[illegible]“[illegible]”[illegible]

[illegible]19[illegible]70[illegible][51][illegible]——[illegible]——[illegible]1861[illegible]1865[illegible]1870[illegible]1871[illegible]Central Pacific[illegible]Union Pacific[illegible]

[illegible]1848[illegible]1803[illegible]1800[illegible]1890[illegible]12[illegible]87[illegible]·[illegible]Gustavus Franklin[illegible]

19[illegible]

19[illegible]20[illegible]·[illegible]Washington Irving[illegible]“[illegible]”[illegible]·[illegible]Calvin Coolidge[illegible]“[illegible]”[illegible]19[illegible]·[illegible]Henry James[illegible]·[illegible]William James[illegible]

[illegible]

[illegible]

19[illegible]400[illegible]1776[illegible]9[illegible]“[illegible]”[illegible]

[illegible]19[illegible][52][illegible]

[illegible]19[illegible][53][illegible][54]

19[illegible]20[illegible]·[illegible]“[illegible]”[illegible]

[illegible]

19[illegible]

---

[1] Manu Goswami□*Producing India□From Colonial Economy to National Space*□Chicago□2004□□67.

[2] J.R. Harris□*Industrial Espionage and Technology Transfer□Britain and France in the Eighteenth Century*□London□1998□□10-12□355-56.

[3] Gregory Clark□“Why Isn’t the Whole World Developed□Lessons from the Cotton Mills□”*Journal of Economic History*□47□1987□□141-42□149. See also Joel Mokyr□“Editor’s Introduction□The New Economic History and the Industrial Revolution□” in Joel Mokyr□ed.□*The British Industrial Revolution*□Oxford□1999□□esp. 126-27.

[4] Alfred D. Chandler□Jr.□*Scale and Scope□The Dynamics of Industrial Capitalism*□Cambridge□1990□□3□Goswami□*Producing India*□41□Eric Hobsbawm□*The Age of Capital□1848-1875*□New York□1996[originally published in 1975]□□40-41□W.D. Rubinstein□“Cultural Explanations for Britain’s Economic Decline□How True□” in Bruce Collins and Keith Robbins□eds.□*British Culture and Economic Decline□Debates in Modern History*□London□1990□□70-71.

[5] Harold James□*A German Identity□1770-1990*□London□1989□□66.

[6] C. Knick Harley’s “Reassessing the Industrial Revolution□” in Joel Mokyr□*The British Industrial Revolution□An Economic Perspective*□2nd ed.□Oxford□1999□□204-05. The figure is for 1820. Michael G. Mulhall□*The Dictionary of Statistics*□London□1899□□420□puts the figure at 35.6 percent for Great Britain.

[7] R. Allen□“Economic Structure and Agricultural Productivity in Europe□1300-1800□” in *European Review of Economic History*□4□2000□□20□Angus Maddison□*Dynamic Forces in Capitalist Development*□Oxford□1991□□32□Alan S. Milward and S.B. Saul□*The Economic Development of Continental Europe□1780-*

1870□London□1973□□368□Thomas Weiss□“The American Economic Miracle of the 19th Century□” *American Historical Association*□1994□□18.

[8] Milward and Saul□*Economic Development of Continental Europe*□388-96.

[9] Milward and Saul□*Economic Development of Continental Europe*□376.

[10] Hobsbawm□*Age of Capital*□193-94.

[11] United States Bureau of the Census□*Historical Statistics of the United States□Colonial Times to 1957*□Washington□1961□□7-11.

[12] Edwin J. Perkins□*American Public Finance and Financial Services□1700-1815*□Columbus□OH□1994□□John Majewski□“Toward a Social History of the Corporation□Shareholding in Pennsylvania□1800-1840□” in Cathy Matson□ed. *The Economy of Early America□Historical Perspectives and New Directions* □Philadelphia□2006□.

[13] Noble E. Cunningham□Jr.□*The Process of Government under Jefferson* □Princeton□1978□□107□and L. Ray Gunn□*The Decline of Authority□Political Economic Policy and Political Development in New York State□1800-1860* □Ithaca□1988□.

[14] Malcolm Rohrbough□*The Land Office Business□The Settlement and Administration of American Public Lands□1789-1837*□Oxford□1968□□48□as cited in Cunningham□*Process of Government*□107. See also Arthur H. Cole□“Cyclical and Sectional Variations in the Sale of Public Land□” *Review of Economics and Statistics*□9□1927□□50□Andrew R.L. Cayton□*The Frontier Republic□Ideology and Politics in the Ohio Country□1780-1825*□Kent□1986□□115-17.

[15] Matthew Gardner□*The Autobiography of Elder Matthew Gardner*□Dayton□1874□□69□Christopher Clark□“The Agrarian Context of American Capitalist Development” and Jonathan Levy□“‘The Mortgage Worked the Hardest’□The Nineteenth-Century Mortgage Market and the Law of Usury□” in Michael Zakim and Gary Kornbluth□eds.□*For Purposes of Profit□Essays on Capitalism in Nineteenth-Century America*□Chicago□2009□.

[16] John C. Pease and John M. Niles□*A Gazetteer... of Connecticut and Rhode Island*□Hartford□1819□□6.

[17] T.J. Stiles□*The First Tycoon□The Epic Life of Cornelius Vanderbilt*□New York□2009□□90-95.

[18] Thomas P. Hughes，*Human-Built World：How to Think about Technology and Culture*（Chicago，2004），35.

[19] Henry L. Ellsworth，*A Digest of Patents Issued by the United States，from 1790 to January 1，1839*（Washington，1840）；see also Kenneth Sokoloff，"Inventive Activity in Early Industrial America：Evidence from Patent Records，1790-1846，" *Journal of Economic History*，48（1988），818-20.

[20] Alexis de Tocqueville，*Democracy in America*，trans. and ed. Harvey C. Mansfield and Delba Winthrop（Chicago，2000[originally published 1835，1840]），386.

[21] Olive Cleaveland Clarke，*Things That I Remember at Ninety-Five*（1881），10-11. This was in 1802.

[22] Bureau of the Census，*Statistical Abstract of the United States*（Washington，1983）. For slave fertility，see Robert Fogel and Stanley Engerman，eds.，*Without Consent or Contract：The Rise and Fall of American Slavery*（New York，1989），149. See also Andrew R.L. Cayton，"The Early National Period，" *Encyclopedia of American Social History*，ed. Mary Kupiec Cayton et al.，3 vols.（New York，1993），I:100.

[23] Warren S. Thompson，"The Demographic Revolution in the United States，" *Annals of the American Academy of Political and Social Sciences*，no.262（1949），62-69；Andrew Cayton，"The Early National Period，" 88.

[24] Allen Trimble，*1783-1870 Autobiography and Correspondence*（1909），74；Gershom Flagg，*The Flagg Correspondence Selected Letters，1816-1854*，eds.，Barbara Lawrence and Nedra Branz（Carbondale，1986），5-7；William J. Baumol，*Productivity and American Leadership*（Cambridge，MA，1991），34-35.

[25] Arnold Pacey，*Technology in World Civilization：A Thousand-Year History*（Cambridge，1991），135-41.

[26] Lynn Hunt，Thomas R. Martin，Barbara H. Rosenwein，R. Po-chia Hsia，and Bonnie G. Smith，*The Making of the West：People and Cultures：A Concise History*，2nd ed.（Boston，2007），708.

[27] John Majewski，A *House Dividing：Economic Development in Pennsylvania and Virginia before the Civil War*（New York，2000），111-40.

[28] Joseph A. Schumpeter*CapitalismSocialism and Democracy*3rd ed. New York195083.

[29] Maarten Praked.*Early Modern CapitalismEconomic and Social Change in Europe1400-1800*New York2001194ff“Werner von Siemens” *Allgemeine Deutsche Biographie*online versionvol. 55Historische Kommission bei der Bayerischen Akademie der Wissenschaften und der Bayerischen Staatsbibliothek2007203-13.

[30] Colleen A. Dunlavy*Politics and IndustrializationEarly Railroads in the United States and Prussia*Princeton1994202-05.

[31] Clive Trebilcock*The Industrialization of the Continental Powers1780-1914*London198144-46172-77Stiles*First Tycoon*82-85Dunlavy*Politics and Industrialization*38-41.

[32] Trebilcock*Industrialization of Continental Powers*173-74Robert E. Wright and Richard Syllaeds.*The History of Corporate FinanceDevelopment of Anglo-American Securities MarketsFinancial PracticesTheories and Laws*4 vols.London2003iv.

[33] Timor Kuran“Explaining the Economic Trajectories of CivilizationsThe Systemic Approach” *Journal of Economic Behavior and Organization*2009.

[34] Caroline Fohlin*Finance Capitalism and Germany’s Rise to Industrial Power*New York200765-69.

[35] Charles P. Kindleberger*A Financial History of Western Europe*2nd ed. Oxford1993[1984]102-10.

[36] Thorstein Veblen*CapitalismSocialism and Democracy*3rd ed.New York195083.

[37] Trebilcock*Industrialization of Continental Powers*40Fohlin*Finance Capitalism and Germany’s Rise to Industrial Power*220-21.

[38] Margaret C. Jacob*Strangers Nowhere in the WorldThe Rise of Cosmopolitanism in Early Modern Europe*Philadelphia200676-77Thomas K. McGraw“American Capitalism” in Thomas K. McGrawed.*Creating Modern CapitalismHow EntrepreneursCompaniesand Countries Triumphed in Three Industrial Revolutions*Cambridge1995335.

[39] Robert C. Allen，"The British Industrial Revolution in Global Perspective，"（2006），29[available on the Internet]；Kenneth Pomeranz and Steven Topik，*The World That Trade Created：Society，Culture，and the World Economy*（2nd ed.，Armonk，NY，2006），113.

[40] Irwin Unger，*Greenback Era：A Social and Political History of American Finance，1865-1879*（Princeton，1964），13-20.

[41] Mark Twain and Charles Dudley Warner，*The Gilded Age*（New York，1873）.

[42] Stephen Mihm，*A Nation of Counterfeiters：Capitalists，Con Men，and the Making of the United States*（Cambridge，MA，2007），69-74.

[43] Wright，*History of Corporate Finance*，I:iv；Timothy W. Guinnane，Ron Harris，Naomi R. Lamoreaux，and Jean-Laurent Rosenthal，"Putting the Corporation in Its Place，" *Enterprise and Society*，8（2007），690-91.

[44] Kindleberger，*Financial History of Western Europe*，196.

[45] Wright，*History of Corporate Finance*，I:x-xxvii.

[46] McGraw，"American Capitalism" in McGraw，ed.，*Creating Modern Capitalism*，315-16.

[47] Guinnane，Harris，Lamoreaux，and Rosenthal，"Putting the Corporation in Its Place"，698.

[48] Trebilcock，*Industrialization of Continental Powers*，54，64-66.

[49] Walter A. Moss，*An Age of Progress*？：*Clashing Twentieth Century Forces*（New York，2008），58-59。

[50] Jeffrey A. Frieden，*Global Capitalism：Its Fall and Rise in the Twentieth Century*（New York，2006），6-7，14-19，42-43.

[51] A striking exception to this generalization can be found in Colleen Dunlavy and Thomas Weisskopp，"Myths and Peculiarities：Comparing U.S. and German Capitalism，" *German Historical Bulletin*，41（2007）.

[52] Henry James，"The German Experience and the Myth of British Cultural Exceptionalism，" in Bruce Collins and Keith Robbins，eds.，*British Culture and Economic Decline*（London，1990），108.

[53] Steve N. Broadberry□“How Did the United States and Germany Overtake Britain□□A Sectoral Analysis of Comparative Productivity Levels□1870-1990□”*Journal of Economic History*□58□1998□□375-76.

[54] Margaret C. Jacob and Larry Stewart□*Practical Matter□Newton’s Science in the Service of Industry and Empire□1687-1851*□Cambridge□2004□□126-27.

[illegible] [illegible]

19[illegible]——[illegible]——[illegible]

[illegible]19[illegible]19[illegible]·[illegible]Cornelius Vanderbilt[illegible]·[illegible]Andrew Carnegie[illegible]·D.[illegible]John D.Rockefeller[illegible]·[illegible]August Thyssen[illegible]·[illegible]Carl Zeiss[illegible]20[illegible]

[illegible]

[illegible]

[illegible]·[illegible]Alfred Krupp[illegible]·[illegible]Bill Gates[illegible]·[illegible]

[illegible][1][illegible]

[illegible]80[illegible]1873[illegible]260[illegible]10[illegible]——“[illegible]”[illegible][2]

[illegible]Pennsylvania Railroad Company[illegible]

[illegible]——[illegible]——[illegible]19[illegible]70[illegible]“[illegible]”[illegible]1892[illegible]Carnegie Steel Company[illegible][3]

10[illegible]J.P.[illegible]1919[illegible]1[illegible]1/20[illegible]8.5[illegible]2009[illegible]290[illegible]·[illegible]530[illegible]130[illegible]1919[illegible]1[illegible]2300[illegible]2500[illegible]

[illegible]“[illegible]”[illegible]

[illegible]1000[illegible]1853[illegible]·[illegible]Benjamin Silliman[illegible]Standard Oil[illegible]

[illegible]1870[illegible][4][illegible]

[illegible]30[illegible]1882[illegible]40[illegible]1896[illegible]20[illegible]

[illegible]·[illegible]Ida Tarbell[illegible]57[illegible]“[illegible]”[illegible]1913[illegible]5[illegible]

[illegible]·[illegible]
“[illegible]”[illegible]

[illegible]

[illegible]·[illegible]“[illegible]”[illegible]r[illegible]·[illegible]30[illegible]1873[illegible]

19[illegible]80[illegible]——[illegible]——[illegible]20[illegible]20[illegible][5]

[illegible]·[illegible]·[illegible]·[illegible]1835[illegible]

1847[illegible]19[illegible]60[illegible]

[illegible]

[illegible]·[illegible]12[illegible]1846[illegible]20[illegible]40[illegible]1866[illegible]·[illegible]Ernst Abbe[illegible]1870[illegible]·[illegible]Otto Schott[illegible]

[illegible]·[illegible]·[illegible]Justus von Liebig[illegible]·[illegible]Fritz Haber[illegible]1888[illegible]2000[illegible]

[illegible]B[illegible]B[illegible][6][illegible]

[illegible]19[illegible][7][illegible]

[illegible]

19[illegible][8][illegible]

[illegible]

[illegible]·[illegible]Cyrus McCormick[illegible]19[illegible]70[illegible]

[illegible]1818[illegible]“[illegible]”[illegible]“[illegible]”[illegible]19[illegible]40[illegible]1000[illegible]20[illegible]19[illegible]1892[illegible]20[illegible]10[illegible]100[illegible]

[illegible]300[illegible][9][illegible]5000[illegible]

□□□□□□[10]□□□□100□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□□□□□□□1200□□□□□□□□□□□□□□□□□□□□□□
600□□
□□□□□□□□□□□□□□□□□□□□□□□□□□□□

□□□□□□□□□□□□□□1800□□550□□□□□□1900□□7600□□□□
□□□□□□□□□9200□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□□5600□□□□□□□□□□□□□□□□□□□□□□□□[11]□□□
□□□□□□□1100□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□□□□□□□□

1750□1900□□□□□□□□□□□□□1□4000□□□□4□3000□□□□□□
□□□□□□□□□□□17%□□□□1/4□□□□□□□□□□□□□□□□□□□19□□□20
□□□
□□□□□□□□□□□□□□□□□□□□□□□□□□□1870□□□□□□□□□□□□□□
□□□□□□□□□□□□

□□□□□□□□□□□□□□□□□□□1880□1914□□□□□□□□□□□□□□□
□□□
□□□□□□□□□□□□□□□□□□□□□□[12]□□□□□□□□□□□□□□□□□□□□□□
□□□
□□□□□

□□
□□□
□□□
□□□
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

[illegible]——[illegible]——[illegible]50[illegible]2/3[illegible]—[illegible]

[illegible]

[illegible]19[illegible]18[illegible]·[illegible]

[illegible]“[illegible]”[illegible]·[illegible]·[illegible]Pierre-Joseph Proudhon[illegible]“[illegible]”[illegible]·[illegible]

[illegible]6[illegible]10[illegible]12[illegible]8[illegible]1864[illegible]International Workingmen’s Association[illegible]

[illegible]First International[illegible]500[illegible]1848[illegible]

[illegible]

[illegible]

[illegible]1883[illegible]“[illegible]……[illegible]”[illegible]

[illegible][13][illegible]

50[illegible]5[illegible]1[illegible]1890[illegible]8[illegible]20[illegible]20[illegible]1918[illegible]1920[illegible]

[illegible]1900[illegible]19[illegible]80[illegible]8[illegible]

[illegible]Fabian Society[illegible]20[illegible]

[illegible]

[illegible]19[illegible][14][illegible]19[illegible]1950[illegible]

[illegible]“[illegible]”[illegible]“……[illegible]”[illegible][15][illegible]

[illegible]

[illegible]“[illegible]”[illegible]

[illegible]·[illegible]20[illegible]

[illegible]·[illegible]Jane Addams[illegible]·[illegible]Florence Kelley[illegible]20[illegible]“[illegible]”[illegible]“[illegible]”[illegible]19[illegible]

[illegible]·[illegible]Upton Sinclair[illegible]1906[illegible]

1902[illegible]·[illegible]·[illegible]Theodore Roosevelt[illegible][16][illegible]1937[illegible]20[illegible]

[illegible]100[illegible]19[illegible]1882[illegible]

[illegible]Knights of Labor[illegible]1869[illegible]8[illegible]

19[illegible]15[illegible]100[illegible]10[illegible]1886[illegible]·[illegible]Samuel Gompers[illegible]American Federation of Labor[illegible]AFL[illegible]1924[illegible]

[illegible]“[illegible]”[illegible]

[illegible]1901[illegible]1882[illegible]5%[illegible]

[illegible]“[illegible]”[illegible]1905[illegible]Industrial Workers of the World[illegible]IWW[illegible]·V.[illegible]Eugene V.Debs[illegible]·[illegible]·[illegible]Daniel De Leon[illegible]·[illegible]Joe Hill[illegible]·[illegible]Big Bill Haywood[illegible]“[illegible]”[illegible]“Mother” Jones[illegible]“[illegible]”[illegible]20[illegible]150[illegible]

[illegible]1892[illegible]·[illegible]Alexander Berkman[illegible]·[illegible]Emma Goldman[illegible]·[illegible]·[illegible]·[illegible]Henry Clay Frick[illegible]28[illegible]·[illegible]Leon Czolgosz[illegible]1901[illegible]·[illegible]William

McKinley

1917 ·Nicola Sacco ·Bartolomeo Vanzetti 30 200 J.P. “ ”

5% 50 1938 Congress of Industrial Organizations CIO

1921 1880 1914 357000 1965

[illegible]

[illegible]——[illegible]“[illegible]”[illegible]20[illegible]

[illegible]·[illegible]Roebuck Sears[illegible]·[illegible]Montgomery Ward[illegible]1900[illegible]1000[illegible][17][illegible]“[illegible]”[illegible]

[illegible]“[illegible]”[illegible]

[illegible]——[illegible]

[illegible][18][illegible]——[illegible]——[illegible]

[illegible]——[illegible]20[illegible]

[illegible]1900[illegible]“[illegible]”[illegible]1910[illegible]

[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]99.44%”[illegible]20[illegible][19][illegible]20[illegible]

[illegible]

[illegible]20[illegible]10[illegible][20][illegible]8[illegible]

[illegible]10[illegible]20[illegible][21][illegible]19[illegible]“[illegible]”[illegible]19[illegible]

[illegible]1887[illegible]“[illegible]”[illegible]“[illegible]”[illegible][22]

[illegible]“[illegible]”[illegible]8[illegible]1907[illegible]·[illegible]·[illegible]Simon Nelson Patten[illegible]

[illegible]17[illegible]

[illegible]19[illegible]——[illegible]——[illegible]

---

[1] T.J. Stiles□*The First Tycoon□The Epic Life of Cornelius Vanderbilt*□New York□2009□.

[2] T.J. Stiles□*The First Tycoon□The Epic Life of Cornelius Vanderbilt*□New York□2009□□279.

[3] Harold C. Livesay□*Andrew Carnegie and the Rise of Big Business*□Boston□1986□.

[4] Daniel Yergin□*The Prize□The Epic Quest for Oil□Money□and Power*□New York□1991□□39-42.

[5] Jeffrey Fear□“August Thyssen and German Steel□” in Thomas K. McGraw□ed.□*Creating Modern Capitalism□How Entrepreneurs□Companies□and Countries Triumphed in Three Industrial Revolutions*□Cambridge□1997□□185-226□Clive Trebilcock□*The Industrialization of the Continental Powers□1780-1914*□London□1981□□61-62.

[6] J.R. McNeill□*An Environmental History of the Twentieth-Century World* □New York□2000□□24-25.

[7] Jean-Christophe Agnew□"Capitalism□Culture and Catastrophe□Lawrence Levine and the Opening of Cultural History□"*Journal of American History*□93 □2006□□783

[8] Jose C. Moya□"A Continent of Immigrants□Post Colonial Shifts in the Western Hemisphere□" *Hispanic American Historical Review*□86□2006□□3-4□Stephen Nicholas and Deborah Oxley□"The Living Standard of Women during the Industrial Revolution□1795-1820□" *Economic History Review*□46□1993□□745-49.

[9] Geoffrey Barraclough□ed.□*Times Atlas of World History*□London□1992□□208-09.

[10] Adam Mckeown□"Global Migration□1840-1940□" *World History*□15 □2004□□156.

[11] Moya□"A Continent of Immigrants□" 3-4.

[12] Trebilcock□*Industrialization of Continental Powers*□32□Alan S. Milward and S. B. Saul□*The Economic Development of Continental Europe□1780-1870* □London□1973□□142-45.

[13] David Khoudour-Casteras□"The Impact of Bismarck's Social Legislation on German Emigration before World War I□" eScholarship Repository□University of California□http□//repositories.edlib.org/berkely.econ21l/spring2005/□4-45□Trebilcock□*Industrialization of Continental Powers*□65-77□Hubert Kiesewetter□*Industrielle Revolution in Deutschland□1815-1914*□Neue Historische Bibliothek □Frankfurt□1989□□90.

[14] Thomas Weiss□"U.S. Labor Force Estimates and Economic Growth□1800 to I860□" in R. Gallman and J. Wallis□eds.□*The Standard of Living in Early Nineteenth Century America*□Chicago□1992□□8-10□Lee A. Craig and Thomas Weiss□"Hours at Work and Total Factor Productivity Growth in 19th-Century U.S. Agriculture□" *Advances in Agricultural Economic History*□1□2000□□1-30□Weiss□"American Economic Miracle"□20.

[15] Nelson Lichtenstein□*State of the Union□A Century of American Labor* □Princeton□2002□□4□Karen Orren□*Belated Feudalism□Labor□the Law□and Liberal Developments in the United States*□Cambridge□1992□□Irwin Unger□*The*

Greenback Era□A Social and Political History of American Finance□1865-1879 □Princeton□1964□□22.

[16] Mark Twain and Charles Dudley Warren□*The Gilded Age*□New York□1973□□Upton Sinclair□*The Jungle*□New York□1906□□

[17] Walter G□Moss□*An Age of Progress*□□*Clashing Twentieth-Century Global Forces*□New York□2008□□3-12.

[18] Lisa Tiers ten□"Redefining Consumer Culture□Recent Literature on Consumption and the Bourgeoisie in Western Europe□" *Radical History Review□57*□1995□□116-59.

[19] Lisa Jacobson□*Raising Consumers□Children and the American Mass Market in the Early Twentieth Century*□New York□2004□.

[20] Price F. Fishback and Shawn Everett Kantor□"The Adoption of Workers' Compensation in the United States□1900-1930□" *Journal of Law and Economics*□41□1998□□305-308.

[21] Alfred D. Chandler□Jr.□*Scale and Scope□The Dynamics of Industrial Capitalism*□Cambridge□1990□□70ff□167-70□218-36□375ff□430-34.

[22] Rosanne Curriaro□"The Politics of'More'□The Labor Question and the Idea of Economic Liberty in Industrial America□" *Journal of American History*□93□2006□□22-27.

[illegible]

19[illegible]15[illegible]200[illegible]

[illegible]19[illegible]——[illegible]

[illegible]·[illegible]“[illegible]”[illegible]

[illegible]

[illegible]19[illegible]30[illegible]

[illegible]17[illegible]18[illegible]

[illegible]

[illegible]

[illegible]19[illegible]50[illegible]·[illegible]David Livingstone[illegible]

[illegible]10[illegible]24[illegible]14[illegible]

[illegible]1841[illegible]“[illegible]”[illegible]

[illegible]2006[illegible]100[illegible]

[illegible]1857[illegible]·[illegible]Indiana Jones[illegible]

[illegible]19[illegible]1865[illegible]“[illegible]”[illegible]

[illegible]·[illegible]·[illegible]Henry Morton Stanley[illegible]1817[illegible]

[illegible]“[illegible]”[illegible]

[illegible]190[illegible]17[illegible][1]

[illegible]

[illegible][2][illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”。[3]

[illegible]19[illegible]26[illegible]

[illegible]450[illegible]

[illegible]International Association of the Congo[illegible][4][illegible]

[illegible]CEO[illegible][5]

19[illegible]·[illegible]·[illegible]Arthur Conan Doyle[illegible]·[illegible]Joseph Conrad[illegible]·[illegible][6]1908[illegible]

[illegible]

[illegible]18[illegible]1830[illegible]

[illegible]1/4[illegible]400[illegible][7][illegible]1890[illegible]·[illegible]Paul Gauguin[illegible]

[illegible]16[illegible]1898[illegible]99[illegible]

[illegible]

[illegible]1875[illegible]1798[illegible]1869[illegible]100[illegible]1882[illegible]

[illegible]1833[illegible]6000[illegible]6000[illegible]

[illegible]1867[illegible]20[illegible]

[illegible]·[illegible]Hiram Maxim[illegible]“[illegible]”[illegible]500[illegible]100[illegible]50[illegible]5000[illegible]

[illegible]·[illegible]Cecil Rhodes[illegible]1870[illegible]10[illegible]De Beers Mining Company[illegible]“[illegible]”[illegible]

[illegible]·[illegible]Charles Goodyear[illegible]1887[illegible]·[illegible]John Dunlop[illegible]

[illegible]

[illegible][8][illegible]

[illegible]1873[illegible]Rio Tinto Company[illegible]“[illegible]”[illegible]1888[illegible]12000[illegible][9]2008[illegible]Aluminum Corporation of America[illegible]Aluminum Corporation of China[illegible]12%[illegible]

19[illegible]“[illegible]”[illegible]90[illegible]1898[illegible]

[illegible]1893[illegible]16[illegible]

[illegible]48[illegible][10]

[illegible]

[illegible]·[illegible]·[illegible]·[illegible]

[illegible]9[illegible]——[illegible]——[illegible]——“[illegible]”“[illegible]”“[illegible]”[illegible]“[illegible]”[illegible]1884[illegible]1885[illegible]

[illegible]

20[illegible]·[illegible]Hannah Arendt[illegible][11][illegible]

[illegible]

[illegible][12][illegible]

18[illegible][13]E.I.[illegible]E.I.du Pont[illegible]·[illegible]Eleuthère Irénée[illegible]“[illegible]”[illegible]“[illegible]”[illegible]19[illegible]

[illegible]

[illegible]

[illegible]1867[illegible]1637[illegible]“[illegible]”[illegible][14][illegible]

[illegible]1863[illegible]1/3[illegible]

[illegible]1853[illegible]1869[illegible]1848[illegible]·[illegible]Matthew Perry[illegible]

[illegible]15[illegible]

[illegible]7%[illegible]

[illegible]1/3[illegible]“[illegible]”[illegible][15]

[illegible]1889[illegible]——[illegible]——[illegible]

[illegible][16]

[illegible]“[illegible]”[illegible]

[illegible][17][illegible][18]

[illegible]16[illegible]17[illegible]“[illegible]”[illegible]9[illegible]3[illegible]9[illegible]14[illegible]11[illegible][19]

[illegible]19[illegible]90[illegible]1/3[illegible]

[illegible]——[illegible]——1867[illegible]1894[illegible]1895[illegible]

[illegible]1904[illegible]1906[illegible]·[illegible]

[illegible]1885[illegible]1910[illegible]1895[illegible]1910[illegible]“[illegible]”[illegible][20]

[illegible]“[illegible]”[illegible][21]

[illegible][22][illegible]·[illegible]·[illegible]Pramoedya Ananta Toer[illegible]

[illegible]1905[illegible]1902[illegible]500[illegible]1906[illegible]13000[illegible]1912[illegible]

[illegible][23]1898[illegible]

[illegible]

19[illegible]20[illegible]

20[illegible]19[illegible]

19[illegible]“[illegible]”——[illegible]——[illegible]—[illegible]—[illegible]

[illegible]1881[illegible]

[illegible]ICC[illegible]SEC[illegible]Pennsylvania Railroad[illegible]DuPont[illegible]International Telephone and Telegraph[illegible]

[illegible]24/7[illegible]Chief Executive Officer[illegible]CEO[illegible]

[illegible][24][illegible]CEO[illegible][25][illegible]·P.[illegible]Alfred P.Sloan[illegible]Jr.[illegible]1920[illegible]1956[illegible]General Motors[illegible]GM[illegible]12%[illegible]52%[illegible]

1893[illegible][26]

[illegible]1895[illegible]1904[illegible]157[illegible]1800[illegible]100[illegible]——[illegible]40%[illegible]70%[illegible][27]

[illegible]Swifts[illegible]Deeres[illegible]Eastmans[illegible]Schwabs[illegible]Firestones[illegible]Dows[illegible]Watsons[illegible]McCormicks[illegible]Westinghouses[illegible]Armours[illegible]

[illegible]·[illegible]Pierre du Pont[illegible]1904[illegible]1920[illegible]·[illegible]Alfred Sloan[illegible][28][illegible][29]

1917[illegible]200[illegible]American Tobacco[illegible]United States Rubber[illegible]Quaker Oats[illegible]Pittsburgh Plate Glass[illegible]

□□[30]□□ □□□[31]

J.P.□□□J.P.Morgan□□□19□□[32]□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

□□□——□□——□□“□□□□□”□□□□□□□□□□

□□National Novelty□□□□□□□□□□National Salt□□□□□□□□□□National Starch□□□□□□□□□□National Wallpaper□□□□□□□□□□National Cordage□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□1910□□□□□□□500□□□□□□□□29□□[33]

□□□1873□1896□□1911□□□□□□□500□□□□□□□□1923□□□□□□□□□□□□□□1500□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□20□□30□□□□□□□□·□□□·□□□□Franklin Delano

Roosevelt[illegible]National Recovery Act[illegible]NRA[illegible]18[illegible]19[illegible]

[illegible][34][illegible]

[illegible]Federal Steel[illegible]35%[illegible]45%[illegible]10%[illegible][35]

[illegible]19[illegible][36][illegible]“[illegible]”[illegible]19[illegible]90[illegible]

[illegible][37][illegible][38]1931[illegible]“[illegible]”[illegible]

[illegible]19[illegible]

[illegible]

[illegible]19[illegible][39][illegible]20[illegible]

[illegible]

[illegible]19[illegible]1890[illegible]1914[illegible][40][illegible]45[illegible]3.5[illegible]

[illegible]·[illegible]·[illegible]Thomas Alva Edison[illegible]·[illegible]·[illegible]Alexander Graham Bell[illegible]——1847[illegible]

[illegible]1093[illegible]·[illegible]Nikola Tesla[illegible]

□□·□□□·□□□□□James Clerk Maxwell□□□□□□□□·□□□□Mahlon Loomis□□□□□□□□□□□·□□□□Guglielmo Marconi□□□20□□□□□□□

　　□□——□□——□□·□□□□□□George Westinghouse□□20□□

　　□□[41]□□□——□□

　　□□□□□□□□□□□□□□□□□□□□“□□”□□□□□1771□□□□□□□□□·□□□·□□□Nicholas Joseph Cugnot□□□□□□□□□□□□□□□□□□□□·□□□□Gottlieb Daimler□□□□·□□□□Wilhelm Maybach□□□□□□□□□□□□□□□□□□□□□□□□·□□□Karl Benz□□□□□□□□□□1888□□□□□□□□□□□□□□□□□□□□□□□□□□□□1901□□□□□□□□·□□□Ransom Olds□□□□“□□□□□□□□□□□□”□□□□□□□□□□□□□□□□□□□□□19□□□□20□□□□□50□□

[illegible]·[illegible][42]

161[illegible]

[illegible]50[illegible][43][illegible]98[illegible]1908[illegible]T[illegible]“[illegible]”[illegible]Any colour so long as it’s black[illegible]1914[illegible]5[illegible]

[illegible]·[illegible]·[illegible]Frederick Winslow Taylor[illegible]19[illegible]80[illegible]90[illegible]·[illegible]Adolf Hitler[illegible]V.I.[illegible]V.I.Lenin[illegible]

1929[illegible]20[illegible]20[illegible]T[illegible]850[illegible]260[illegible]——[illegible]52[illegible]26[illegible]1.22[illegible]1700[illegible][44][illegible]200[illegible]

[illegible]T[illegible]1912[illegible]7000[illegible]1909[illegible]273[illegible][45]1920[illegible]1927[illegible]·[illegible]A[illegible]11[illegible][46]

[illegible]·[illegible]William Durant[illegible]1907[illegible]1908[illegible]1911[illegible]T[illegible]——[illegible]Cadillac[illegible]Buick[illegible]Oldsmoble[illegible]Pontiac[illegible]Chevrolet[illegible]——[illegible][47][illegible]·[illegible]“[illegible]”[illegible]

1923[illegible]·P.[illegible]——[illegible]20[illegible]30[illegible]

20[illegible]10[illegible]·[illegible]Wilbur Wright[illegible]·[illegible]Orville Wright[illegible]1908[illegible]52[illegible]

[illegible]

[illegible]

[illegible]——[illegible]

[illegible]

[illegible]20[illegible]70[illegible]

[illegible]98[illegible]T[illegible]“[illegible]”[illegible]·[illegible]·[illegible]Henry Alexander Wickham[illegible][48]

[illegible]

[illegible]“[illegible]”[illegible]19[illegible]80[illegible]

[illegible]25000[illegible][49][illegible]Royal Shell[illegible]1914[illegible]

[illegible]·[illegible]Abdelrahman Munif[illegible]19[illegible]30[illegible]

20[illegible]

[illegible]

[illegible]1887[illegible]Interstate Commerce Commission[illegible]Sherman Antitrust Act[illegible]

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□20□□□□□□□□
40□□□□□□□600□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□1909□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□□□□□□□□□□□□□□□·□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□[50]

□□□□□19□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□□1913□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□[51]□□□□□
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

20□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□
□□
□□
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

---

[1] Thomas Pakenham□*The Scramble for Africa□White Man's Conquest of the Dark Continent from 1876 to 1912*□New York□1991□□18-74□Adam Hochschild□*King Leopold's Ghost□A Story of Greed□Terror□and Heroism in Colonial Africa*□New York□1999□□26-33.

[2] Tim Jeal□*Stanley□The Impossible Life of Africa's Greatest Explorer*□New Haven□2007□□230.

[3] Pakenham□*Scramble for Africa*□15□22.

[4] Pakenham□*Scramble for Africa*□71-87.

[5] Kenneth Pomeranz and Steven Topik□*The World That Trade Created□Society□Culture□and the World Economy*□2nd ed.□Armonk□NY□2006□□108-09.

[6] Debora Silverman“‘The CongoI Presume’”Tepid Revisionism in the Royal Museum of Central AfricaTervuren1910/2005” Paper given at the annual meeting of the American Historical AssociationJanuary 2-62009.

[7] Geoffrey Barracloughed.*The Times Atlas of World History*rev. ed. London1984238-41.

[8] Pomeranz and Topik*World That Trade Created*130-32.

[9] Jonathan Hollanded.*Puerto del Sol*132006461-621420073840.

[10] Walter G. Moss*An Age of Progress**Clashing Twentieth Century Forces* New York2008.

[11] Hannah Arendt*The Origins of Totalitarianism*New York1951.

[12] Jared Diamond*Guns**Germs and Steel**The Fates of Human Societies* New York199956-57.

[13] Lynn Hunt*Inventing Human Rights*A *History*New York2007.

[14] Kazushi Ohkawa and Henry Rosovsky“Capital Formation in Japan” in Kozo Yamamuraed.*The Economic Emergence of Modern Japan*New York 1997208.

[15] F.G. Notehelfer“Meiji in the Rear-View MirrorTop Down vs. Bottom Up History” *Monumenta Nipponica*451990207-28.

[16] W.G. Beasley*The Modern History of Japan*2nd ed.New York1973 156-57311120-31Notehelfer“Meifi in the Rear-View Mirror” 222-26E. Sydney Crawcour“Economic Change in the Nineteenth Century” and “Industrialization and Technological Change1885-1920” in Yamamuraed. *Economic Emergence of Modern Japan*34-4153-55Thomas K. McGraw Introduction to Thomas K. McGrawed. *Creating Modern CapitalismHow EntrepreneursCompaniesand Countries Triumphed in Three Industrial Revolutions*Cambridge19951.

[17] Kaoru Sugahara“Labour-Intensive Industrialisation in Global History The Second Notel Butlin Lecture” *Australian Journal of Economic History*47 2007134n. 24Ohkawa and Rosovsky“Capital Formation in Japan” in

Yamamura□ed.□*Economic Emergence of Modern Japan*□214-15□Mark Elvin□“The Historian as Haruspex□” *New Left Review*□52□2008□□88.

[18] Yamamura□ed.□*Economic Emergence of Modern Japan*□34-41□53-55.

[19] Beasley□*Modern History of Japan*□134-49.

[20] Constance Chen□“From Passion to Discipline□East Asian Art and the Culture of Modernity in the United States□1876-1945”□UCLA dissertation□2000□.

[21] Yamamura□ed.□*Economic Emergence of Modern Japan*□112.

[22] Jon Halliday□*A Political History of Japanese Capitalism*□New York□1975□□82-91.

[23] Jon Halliday□*A Political History of Japanese Capitalism*□New York□1975□□112.

[24] Alfred D. Chandler□Jr.□*Scale and Scope□The Dynamics of Industrial Capitalism*□Cambridge□1990□□226-29.

[25] Mary A. Yeager□“Will There Ever Be a Feminist Business History□□” in Mary A. Yeager□ed.□*Women in Business*□Cheltenham□1999□□12-15□33-34.

[26] Duncan K. Foley□*Adam’s Fallacy□A Guide to Economic Theology*□Cambridge□2006□□9.

[27] Thomas K. McGraw□“American Capitalism□” in McGraw□ed.□*Creating Modern Capitalism*□327-28.

[28] Alfred D. Chandler□Jr.□and Stephen Salsbury□*Pierre S. du Pont and the Making of the Modern Corporation*□New York□1971□□591-600.

[29] Charles S. Maier□“Accounting for the Achievements of Capitalism□Alfred Chandlers Business History□” *Journal of Modern History*□65□1993□□779-82.

[30] Chandler□Jr.□*Scale and Scope*□74-78□21□Colleen Dunlavy and Thomas Weiskopp□“Myths and Peculiarities□Comparing U.S. and German Capitalism□” *German Historical Bulletin*□no. 41□2007□□18-19□Naomi Lamoreaux□*The Great Merger Movement in American Business□1895-1904*□Cambridge□1895□□2-5.

[31] Peter Barnes□*Capitalism 3.0□A Guide to Reclaiming the Commons*□San Francisco□2006□□20-23.

[32] Miguel Cantillo Simon“The Rise and Fall of Bank Control in the United States1890-1939” *American Economic Review*8819981079-83Vincent P. Carosso*Investment Banking in AmericaA History*Cambridge1970496-99Ronald DoreWilliam Lazonickand Mary O’Sullivan“Varieties of Capitalism in the Twentieth Century” *Oxford Review of Economic Policy*151999104.

[33] McGraw“American Capitalism” 322-25.

[34] John M. Kleeberg“German CartelsMyths and Realities” http//www.econ.barnard.columbia.edu/econhist/papers/Kleeberg_German_Cartels.

[35] ChandlerJr.*Scale and Scope*492.

[36] DoreLazonickand O’Sullivan“Varieties of Capitalism in the Twentieth Century” 104.

[37] James*A German Identity*57.

[38] Charles P. Kindleberger*The World in Depression1919-1939*rev. and enlarged ed.Berkeley1986291.

[39] Jeffrey Fear“August Thyssen and German Steel” in McGrawed.*Creating Modern Capitalism*191Clive Trebilock*Industrialization of Continental Powers1780-1914*London198263-64.

[40] Henry James“The German Experience and the Myth of British Cultural Exceptionalism” in Bruce Collins and Keith Robbinseds.*British Culture and Economic DeclineDebates in Modern History*London1990108-11.

[41] Richard B. DuBoff*Electric Power in American Manufacturing1889-1958*New York197917100-01.

[42] Lee Iacocca“Builders &ampTitans” *The Time 100*New York2000. Available also at www.time.com/time/time100/builder/profile/ford.

[43] James P. WomackDaniel T. Jonesand Daniel Roos*The Machine That Changed the World*New York199030-31.

[44] Moss*Age of Progress*3862Lynn HuntThomas R. MartinBarbara H. RosenweinR. Po-chia Hsiaand Bonnie G. Smith*The Making of the WestPeople and CulturesA Concise History*2nd ed.Boston2007881.

[45] Thomas K. McGraw and Richard S. Tedlow□“Henry Ford□Alfred Sloan□and the Three Phases of Marketing□” in McGraw□ed.□*Creating Modern Capitalism*□269.

[46] Kindleberger□*The World in Depression*□43.

[47] William Berg□“History of GM□” http□//ezinearticles.com/□The-History-of-GM---General-Motors&amp□id=110696.

[48] Pomeranz and Topik□*World That Trade Created*□97-100.

[49] Daniel Yergin□*The Prize□The Epic Quest for Oil□Money□and Power*□New York□1991□□58-63.

[50] Daniel Yergin□*The Prize□The Epic Quest for Oil□Money□and Power*□New York□1991□□110-11.

[51] Simon□“Rise and Fall of Bank Control”□1077-93.

[illegible]

1914[illegible]20[illegible]

19[illegible]19[illegible]1914[illegible]

[illegible]1870[illegible]1871[illegible]1861[illegible]1865[illegible]

[illegible]16[illegible]1917[illegible]150[illegible]

[illegible]300[illegible]6400[illegible]1200[illegible]6400[illegible]850[illegible]2100[illegible]700[illegible]100[illegible]

[illegible]21[illegible]1918[illegible]1919[illegible]2000[illegible]16[illegible]

[illegible]Union of Soviet Socialist Republics[illegible]USSR[illegible]72[illegible]

[illegible]·[illegible]

[illegible]

[illegible]

[illegible]

[illegible]·[illegible]（Woodrow Wilson）[illegible]

[illegible]

[illegible]·[illegible]·[illegible]（Mustafa Kemal Atatürk）[illegible]“[illegible]”[illegible]

[illegible]1919[illegible]“[illegible]”[illegible]·[illegible]（Theodor Plevier）[illegible]13%[illegible]10%[illegible]

[illegible]—[illegible]15[illegible]

[illegible]48[illegible]1914[illegible]

20[illegible]20[illegible]6700[illegible]

[illegible][1][illegible]1922[illegible]5[illegible]275[illegible]1[illegible]11[illegible]7000[illegible]1[illegible][2][illegible]

[illegible]20[illegible]20[illegible]20[illegible]19[illegible]70[illegible]19[illegible]——[illegible]4[illegible]——[illegible]19[illegible][3][illegible]

□□□□□□□□□□1925□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□□

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□“□□□□□”□□□□□□□□□□□□
□□1920□□□□
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□[4]1929□□□□□300□□□□
□□□□□□□□□□□□□□□□□□□□□□□□□□□□20□□20□□□□□□□□□□□□□□□□
□□□□□□□□□□□“□□□”□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□

□□□1885□□
□□□□□□□□□□□□□□[5]□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□
□□□

□□□
□□□□□□□□□□□□□□□□□□20□□20□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□20□□30□□□□□□□□□□□□□□□□□□□□□□□□□□□15000□□□□□
□□
□□□□“□□□□□□□□□□□□□□□”□[6]

□□□
□□□□□□□□□□□□□□□□□□□□□□□□□□□□·□□□□□Benito Mussolini□□□
□□
□□1922□□
□□
□□
□□
□□

1935[illegible]40[illegible]League of Nations[illegible]

[illegible]

[illegible]20[illegible]30[illegible]——[illegible]——[illegible]20[illegible]30[illegible]

[illegible]——[illegible]——[illegible]30%[illegible][7]

[illegible]80[illegible]

[illegible]1925[illegible]1929[illegible]20[illegible]

[illegible]1929[illegible]10[illegible]24[illegible]381[illegible]199[illegible]79[illegible]——[illegible]1930[illegible]1933[illegible]9000[illegible]

[illegible]1929[illegible]——[illegible]

[illegible]“[illegible]”[illegible]“[illegible]”[illegible][8][illegible]·[illegible]

[illegible]18[illegible]1931[illegible]26[illegible]

[illegible]19[illegible]80[illegible]

[illegible]40%[illegible][9][illegible]

[illegible]“[illegible]”[illegible]1929[illegible]50%[illegible]“[illegible]”[illegible]90%[illegible][10]

[illegible]

[illegible]——[illegible]——[illegible]World

Economic Congress[illegible]

[illegible]·[illegible]·[illegible]John Maynard Keynes[illegible]“[illegible]”[illegible]

[illegible]“[illegible]”[illegible]20[illegible]30[illegible][11][illegible]

[illegible]·[illegible]·[illegible]“[illegible]”[illegible]Works Progress Administration[illegible]WPA[illegible]Public Works Administration[illegible]PWA[illegible]

[illegible]1937[illegible]

[illegible]Wagner Labor Act[illegible]WLA[illegible]36%[illegible]

[illegible]Civilian Conservation Corps[illegible]CCC[illegible]18[illegible]23[illegible]6[illegible]2[illegible]Bureau of Reclamation[illegible]National Park Service[illegible]U.S.Forest Service[illegible]1936[illegible][12]

[illegible]——[illegible]——[illegible]19[illegible]

[illegible]

[illegible]1933[illegible]3[illegible]·[illegible]20[illegible]30[illegible]

[illegible]

[illegible]1939[illegible]9[illegible]——[illegible]1940[illegible]1940[illegible]6[illegible]

[illegible]B-29[illegible]Boeing B-29[illegible]1944[illegible][13]

[illegible]“[illegible]”[illegible]·[illegible]Rudyard Kipling[illegible]

[illegible]1933[illegible]

[illegible][14]

1941[illegible]“[illegible]”[illegible]“[illegible]”[illegible][15]

1944[illegible]

[illegible]U[illegible]1945[illegible]1/3[illegible]3/4[illegible]
[16]

[illegible]

[illegible]1/2[illegible]2/3[illegible]

[illegible][17][illegible][18]

[illegible][19][illegible]·[illegible]·[illegible]Willow Run[illegible]1943[illegible]300[illegible]B-24[illegible]·[illegible]Henry Kaiser[illegible]1942[illegible]1943[illegible]7[illegible]90[illegible][20]

[illegible]1944[illegible]1/3[illegible]1/4[illegible]

[illegible]1945[illegible]5[illegible]——[illegible]

[illegible]

[illegible]1700[illegible]3300[illegible]600[illegible]

[illegible]1965[illegible]1947[illegible]1946[illegible]50[illegible]

[illegible]1962[illegible]1973[illegible]1975[illegible]10[illegible]1963[illegible]Mau Mau[illegible]34[illegible]1997[illegible]1978[illegible]35[illegible]

[illegible]1945[illegible]5000[illegible]2000[illegible]1/3[illegible]

19[illegible]80[illegible]10[illegible]1918[illegible]

---

[1] Rondo Cameron□*A Concise Economic History of the World□From Paleolithic Times to the Present*□New York□1989□□347-50.

[2] Charles Kindleberger□*A Financial History of Western Europe*□2nd ed.□New York□1993□□308-13.

[3] Alan S. Milward and S.B. Saul□*The Economic Development of Continental Europe□1780-1870*□London□1973□□128□130□142-68.

[4] Walter G. Moss□*An Age of Progress*□□*Clashing Twentieth-Century Global Forces*□New York□2008□□42.

[5] W.G. Beasley□*The Modern History of Japan*□2nd ed.□New York□1973□□161-63□Jon Halliday□*A Political History of Japanese Capitalism*□New York□1975□84-86.

[6] Kozo Yamamura□ed.□*Economic Emergence of Modern Japan*□New York□1997□□123-37.

[7] Charles P. Kindleberger□*The World in Depression□1929-1939*□Berkeley□1986□□119.

[8] Lizbeth Cohen□*Making a New Deal□Industrial Workers in Chicago□1919-1939*□New York□1990□□102-03□213-35.

[9] Jack Garraty□*The Great Depression*□New York□1987□□23□Cameron□*Concise Economic History of the World*□356-60.

[10] Garraty□*Great Depression*□75-77.

[11] John Maynard Keynes□*The General Theory of Employment□Interest and Money*□London□1930□.

[12] Paul Krugman□“Franklin Delano Obama□□” *New York Times*□November 10□2008.

[13] Richard Overy□“About the Second World War□” excerpted from Charles Townshend□ed.□*The Oxford Illustrated History of Modern War*□New York□1997□□available at englishuiuc.edu/maps/ww2/overy□10.

[14] Bill Gordon□“Greater East Asia Co-Prosperity Sphere□” www.wgordon.web.wesleyan.edu.□Beasley□*Modern History of Japan*□256-57.

[15] Geoffrey Barraclough□ed.□*The Times Atlas of World History*□rev. ed.□Maplewood□NJ□1985□□280-81.

[16] Beasley□*Modern History of Japan*□268-76.

[17] Mark Harrison□“Resource Mobilization for World War II□The U.S.A.□U.K.□U.S.S.R.□and Germany□1938-1945□” *Economic History Review*□2nd ser.□12□1988□□175.

[18] Overy□“About the Second World War□” 6.

[19] Overy□“About the Second World War□”□10.

[20] Overy□“About the Second World War□”□4.

[illegible]

[illegible] 31 [illegible]

25 [illegible]

[illegible] 1945 [illegible] 18 [illegible]

[illegible]

[illegible] 1945 [illegible]

[illegible]“[illegible]”[illegible]

[illegible]·[illegible]Joseph Stalin[illegible]

[illegible]

[illegible]“[illegible]”[illegible]

[illegible]20[illegible]

[illegible]

[illegible][1]

[illegible]1943[illegible]·[illegible]·[illegible]“[illegible]”[illegible]

1944[illegible]44[illegible]730[illegible][2]

[illegible]General Agreement on Tariffs and Trade[illegible]GATT[illegible]World Trade Organization[illegible]WTO[illegible]World Bank[illegible]WB[illegible]International Monetary Fund[illegible]IMF[illegible]17[illegible]18[illegible]1958[illegible][3]

[illegible]1946[illegible]1947[illegible]1947[illegible]20[illegible]

[illegible]——[illegible]

[illegible]

[illegible]1947[illegible]·[illegible]George Marshall[illegible]16[illegible]Committee of European Economic Cooperation[illegible]CEEC[illegible]·[illegible]Francisco Franco[illegible]

1948[illegible]1952[illegible]180[illegible]2400[illegible]1948[illegible]·[illegible]

[illegible]1950[illegible]gross domestic product[illegible]GDP[illegible]1905[illegible]

[illegible]20[illegible]1948[illegible]1952[illegible]10%[illegible]

[illegible]1949[illegible]60[illegible][4]

[illegible]20[illegible]1948[illegible]1964[illegible]16[illegible][5][illegible]

[illegible][6]

[illegible][7][illegible]

[illegible]·[illegible]

□□□□□□□□□□□□□□□□□□□□□19□□□

□□□□□□□□□□□□□□□□□□□Organization for Economic Cooperation and Development□□□OECD□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□European Payment Union□□□□□□□□□□□□□□□□8%□1950□1973□□□□□□□□□□□□□□[8]□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

□□□□□□□□

□□□□□□□□□□□□□□□□□□□□□□□20□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□·□□□Jean Monnet□□□□□·□□□Robert Schuman□□□-□□

□□□1951□□□□□□□□□□□□□□□□□□□□□□□□□□□□□European Coal and Steel Community□□□ECSC□□·□□□□Georges Clemenceau□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□[9]□□□□□□□□□□□□□□□□□□□□□□□□□□Treaty of Rome□□□□□□□□□□□□□□□□□□□□European Economic Community□□□□□□EEC□□1992□□□□□□□□□□□□□□Maastricht Treaty□□□□□□□□□□□□□□□□

[illegible]European Union[illegible]EU[illegible]12[illegible]31[illegible]

[illegible][10][illegible]——[illegible]——[illegible]

[illegible]1/3[illegible][11][illegible]

[illegible]·[illegible]·[illegible]Nikolaus Otto[illegible]20[illegible]20[illegible]150[illegible]12[illegible]

[illegible]

1933[illegible][12][illegible]·[illegible]Ferdinand Porsche[illegible]

[illegible]Daimler Motors[illegible]-[illegible]“[illegible]”[illegible]Strength through Joy[illegible][13]

[illegible]1945[illegible]

[illegible]·[illegible]20[illegible]·[illegible]Louis Renault[illegible]——[illegible]356[illegible]

[illegible]10[illegible]356[illegible]2000[illegible]20[illegible]90[illegible]·[illegible]Ferdinand Piech[illegible]-[illegible]

[illegible]1950[illegible]20[illegible]60[illegible]“[illegible]”[illegible][14][illegible]

[illegible]1948[illegible]

[illegible]“[illegible]”[illegible]20[illegible]70[illegible]“[illegible]”[illegible][15][illegible]1946[illegible]1960[illegible]20[illegible]60[illegible]2.1[illegible][16]

[illegible]

[illegible]1200[illegible]150[illegible]1939[illegible]12[illegible][17][illegible]1981[illegible]87%[illegible]1959[illegible]Internal Revenue Service[illegible]

[illegible]GI Bill[illegible]1947[illegible]—[illegible]—[illegible]“[illegible]”[illegible]

[illegible]90[illegible]52[illegible]

[illegible]·[illegible]William Levitt[illegible]1700[illegible]

[illegible]5%[illegible]·D.[illegible]Dwight D.Eisenhower[illegible]1954[illegible]1956[illegible]1958[illegible]“[illegible]”[illegible]62[illegible]1919[illegible][18]

[illegible]1935[illegible]20[illegible]1938[illegible]1939[illegible]“[illegible]”[illegible]

[illegible]1938[illegible]Congress of Industrial Organizations[illegible]CIO[illegible]“[illegible]”[illegible]50[illegible]·L.[illegible]John L.Lewis[illegible][19]

[illegible]“[illegible]”

[illegible]

[illegible]1939[illegible]1945[illegible]50%[illegible]1946[illegible]1960[illegible]1930[illegible]25[illegible]

[illegible]1945[illegible]1947[illegible]900[illegible]2200[illegible][20][illegible]

[illegible]

[illegible]1947[illegible]·[illegible]·[illegible]“[illegible]”[illegible]

[illegible]

[illegible]

[illegible]1949[illegible]

[illegible]1961[illegible]8[illegible]

[illegible]20[illegible]50[illegible]60[illegible]United Nations[illegible]1945[illegible]50[illegible]

[illegible]

[illegible]17[illegible]25[illegible]

[illegible]19[illegible][21][illegible]

[illegible]1956[illegible]

[illegible]

[illegible]20[illegible]60[illegible][22][illegible]20[illegible]50[illegible]

[illegible]

20[illegible]50[illegible]·[illegible]Philo Farnsworth[illegible]12[illegible]1927[illegible]60[illegible]Radio Corporation of America[illegible]RCA[illegible]165[illegible]

[illegible][23][illegible]20[illegible]50[illegible]20[illegible]60[illegible]4500[illegible]

[illegible]20[illegible]50[illegible]——[illegible]32[illegible]

[illegible]1903[illegible]1927[illegible]·[illegible]Charles Lindbergh[illegible]20[illegible]30[illegible]——[illegible]——[illegible]

[illegible]20[illegible]60[illegible]-[illegible]C[illegible]Constellation[illegible]DC-3[illegible]60[illegible]21[illegible]·[illegible]Eero Saarinen[illegible][24]1958[illegible]Federal Aviation Administration[illegible]FAA[illegible]

[illegible]1967[illegible]“[illegible]”[illegible][25][illegible]

[illegible]

[illegible]1957[illegible]184[illegible]Laika[illegible]1[illegible]Explorer 1[illegible]Sputnik[illegible]“[illegible]”[illegible]

[illegible]

[illegible]

[illegible]·[illegible]Clark Kerr[illegible]1964[illegible]1911[illegible]18[illegible]5%[illegible][26][illegible]

[illegible]1960[illegible]Master Plan for Higher Education[illegible]1/8[illegible]1/3[illegible]

[illegible]·[illegible]

[illegible]1967[illegible]

[illegible]“[illegible]”[illegible]

[illegible]

[illegible]·[illegible]Robert Goddard[illegible]·[illegible]Konstantin Tsiolkovsky[illegible]·[illegible]Hermann Oberth[illegible]1926[illegible]·[illegible]·[illegible]Wernher von Braun[illegible]·[illegible]Jules Verne[illegible]H.G.[illegible]H.G.Wells[illegible]1929[illegible]17[illegible]·[illegible]22[illegible]·[illegible]Joseph Goebbels[illegible]“[illegible]2[illegible]”[illegible]·[illegible]“[illegible]2[illegible]”[illegible]2000[illegible]3500[illegible]500[illegible]1944[illegible]

[illegible]·[illegible]500[illegible]1945[illegible]

[illegible]American State Department[illegible]War Department[illegible]

[illegible]“[illegible]”[illegible]100[illegible]“[illegible]”[illegible]20[illegible]70[illegible]1700[illegible]

[illegible]20[illegible]80[illegible]Defense Department[illegible]B-2[illegible]

[illegible]——[illegible]1943[illegible]6[illegible]1949[illegible]ENIAC[illegible]30[illegible]60[illegible]

1947[illegible]1991[illegible]1947[illegible]——[illegible]20[illegible]80[illegible][27]

[illegible]International Business Machines[illegible]IBM[illegible]American Telephone and Telegraph Company[illegible]ATTC[illegible][28]

[illegible]·[illegible]“[illegible]”[illegible]“[illegible]”[illegible][29][illegible]“[illegible]”[illegible]

[illegible]“[illegible]”[illegible]1900[illegible]16[illegible]2007[illegible]60[illegible]——[illegible]——[illegible]

[illegible]·[illegible]“[illegible]……[illegible]”
1952[illegible]·[illegible]·[illegible]Gamal Abdel Nasser[illegible]“[illegible]”[illegible]·[illegible]Jawaharlal Nehru[illegible]“[illegible]”[illegible]

[illegible][30][illegible]

[illegible]·[illegible]Alexander Fleming[illegible]Pfizer[illegible]1944[illegible]6[illegible]20[illegible]55[illegible]

[illegible]1929[illegible]·[illegible]Charles Drew[illegible]1300[illegible]

[illegible]1952[illegible]·[illegible]Lloyd Conover[illegible]——[illegible]

[illegible]20[illegible]70[illegible]80[illegible]1941[illegible]1960[illegible]13[illegible]1960[illegible]64%[illegible]

[illegible]

[illegible]

IBM[illegible]1911[illegible]IBM[illegible]·[illegible]Thomas Watson[illegible]IBM[illegible]·[illegible]19[illegible][31]

IBM[illegible]IBM[illegible]IBM[illegible]IBM[illegible]IBM[illegible]IBM[illegible]Social Security Administration[illegible]IBM[illegible]IBM[illegible]

[illegible]IBM[illegible]“[illegible]”[illegible]IBM[illegible]IBM[illegible]

[illegible]IBM[illegible]IBM[illegible]IBM[illegible]IBM[illegible]Remington Rand[illegible]IBM[illegible]“[illegible]”[illegible]30[illegible]

IBM[illegible]1950[illegible]IBM[illegible]1952[illegible]IBM[illegible]·[illegible]IBM[illegible]IBM[illegible]20[illegible]50[illegible]IBM[illegible]2[illegible]IBM[illegible]——[illegible]World Trade[illegible]IMB[illegible]47[illegible][32]

[illegible]IBM[illegible][33]

1956[illegible]1969[illegible]IBM[illegible][34][illegible]

[illegible]IBM[illegible]IBM[illegible]IBM[illegible]

1961[illegible]IBM[illegible]50[illegible]——[illegible]——[illegible]IBM[illegible]System/360[illegible][35]

[illegible]

[illegible]17[illegible]18[illegible]19[illegible]13[illegible]19[illegible]

[illegible][36][illegible]——[illegible]——[illegible]1936[illegible]1937[illegible]

[illegible]1950[illegible]1952[illegible]1950[illegible]1/3[illegible]1973[illegible]10%[illegible][37]

[illegible]·[illegible]Walter Reuther[illegible]United Auto Workers[illegible]UAW[illegible]32[illegible]

□□□——□□□[38]

□□□□□□□□□□□·□□20□60□□20□□□□□□□□□□□□·□□□Lyndon Johnson□□□□□□□□□□□□□□□□□□□□

□□[39]□□□“□□□□”□□□□□□□□□□“□□□□□□”□□□□[40]□□

□□□1947□□□□-□□□□□*Taft-Hartley Act*□□□□□□□□□□□□20□□□□□□□□□□□□□□□□□1970□□□□□□□□□□27%□1980□□□1/5□□□□□□2007□□□□□□□□□□□□□1/8□□□□□□□□□□□20□□70□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

□□□□□□□□□□□12□□□□□□□□□□-□□□

[illegible][41][illegible]

[illegible]1965[illegible][42][illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]National Cash Register[illegible]CEO[illegible]·[illegible]·[illegible]John Henry Patterson[illegible][43][illegible]——[illegible]——[illegible]

[illegible]·[illegible]·[illegible]Sandra Day O’Connor[illegible]·[illegible]William Rehnquist[illegible]20[illegible]60[illegible]“[illegible]”[illegible]“[illegible]”[illegible]20[illegible]30[illegible]1963[illegible]·[illegible]John Kennedy[illegible]*Equal Pay Act*[illegible]*EPA*[illegible]59[illegible]1[illegible]77[illegible]1[illegible]

[illegible]1973[illegible]100[illegible]

1952[illegible]650[illegible]76%[illegible]1[illegible]

[illegible]——[illegible]*Bill of Rights*[illegible]1955[illegible]

“[illegible]”[illegible]“[illegible]”[illegible]2006[illegible]240[illegible]GDP[illegible]29%[illegible]

[illegible]

[illegible]1963[illegible]·[illegible]1973[illegible]20[illegible]70[illegible]1973[illegible]14[illegible][44]

[illegible]·[illegible]1971[illegible]·[illegible]Richard

Nixon[illegible][45]

[illegible]90%[illegible]5%[illegible]20[illegible]50[illegible]60[illegible]7.5%[illegible]1955[illegible]1955[illegible]2/3[illegible]10[illegible]1973[illegible]99%[illegible]1%[illegible]

[illegible]1973[illegible]250[illegible]“[illegible]”[illegible]70%[illegible]5%[illegible]12[illegible]20[illegible]GNP[illegible]4.6%[illegible]2.6%[illegible][46]

[illegible]Organization of Petroleum Exporting Countries[illegible]OPEC[illegible][47][illegible]“[illegible]”[illegible]

[illegible]·[illegible]James Akins[illegible]

[illegible][48][illegible]

1973[illegible]E.F.[illegible]E.F.Schumacher[illegible]1957[illegible]·[illegible]Hyman Rickover[illegible]

[illegible]1973[illegible]“[illegible]”[illegible]60[illegible]1973[illegible]

1962[illegible]·[illegible]Rachel Carson[illegible]Bureau of Fisheries[illegible]20[illegible]1962[illegible]·[illegible]Michael Harrington[illegible]·[illegible]Ralph Nader[illegible]——[illegible]

[illegible]20[illegible]70[illegible]20[illegible]60[illegible]

[illegible]

[illegible]W.W.[illegible]W.W.Rostow[illegible]1953[illegible]17[illegible]“[illegible]”[illegible][49]

[illegible][50][illegible][51][illegible]

[illegible]——[illegible]

1973[illegible]“[illegible]”[illegible]——“[illegible]”[illegible]1969[illegible]

□□

　　□□——“□□□□”□□□——□□□“□□□□□”□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□——□□□□□□□□□□□□□□□□initial public offerings□□□IPO□□□□□□□□□

---

[1] Jeffrey A. Frieden□*Global Capitalism□Its Fall and Rise in the Twentieth Century*□2006 [paperback ed.□2007]□□287□Charles Kindleberger□A *Financial History of Western Europe*□2nd ed.□New York□1993□□453.

[2] Elizabeth Borgwardt□*A New Deal for the World□Americas Vision for Human Rights*□Cambridge□2005□□14-15.

[3] Kindleberger□*Financial History of Western Europe*□453.

[4] Cameron□*Concise Economic History of the World*□371-78.

[5] Frieden□*Global Capitalism*□278□N.R.R. Crafts□“The Golden Age of Economic Growth in Western Europe□1950-1973□” *Economic History Review*□48□1995□□429-30□Angus Maddison□*Dynamic Forces in Capitalist Development□A Long-Run Comparative View*□Oxford□1991□□164.

[6] Diethelm Prowe□“Economic Democracy in Post-World War Ⅱ Germany□Corporatist Crisis Response□1945-1948□” *Journal of Modern History*□57□1985□□452-58.

[7] Paul L. Davies□“A Note on Labour and Corporate Governance in the U.K.□” in Klaus J. Hopt et al.□eds.□*Comparative Corporate Governance□The State of the Art and Emerging Research*□Oxford□1999□□373□Martin Wolf□“European Corporatism Must Embrace Change□” *Financial Times*□January 23□2007.

[8] Maddison□*Dynamic Forces in Capitalist Development*□274-75□Frieden□*Global Capitalism*□289.

[9] John Gillingham□“The European Coal and Steel Community□An Object Lesson□” in Barry Eichengreen□ed.□*Europe’s Post-War Recovery*□Cambridge□1995□□152-53□166.

[10] Barry Eichengreen□“Mainsprings of Economic Recovery□” in Barry Eichengreen□ed.□*Europe’s Post-War Recovery*□Cambridge□1995□□6-21.

[11] Cameron□*Concise Economic History of the World*□377-78.

[12] H. Bathelt□C. Wiseman□and G. Zakrzewski□“Automobile Industry□A‘Driving Force’behind the German Economy□” wwwgeog/specialist/vgt/Englisih/ger□2.

[13] Mary Nolan□review of Hans Mommsen□*Volkswagenweck and seine Arbeiter im Dritten Reich*□*International Labor and Working Class History*□55□1999□□149-54.

[14] Maddison□*Dynamic Forces in Capitalist Development*□151□Cameron□*a Concise Economic History of the World*□329-30.

[15] James F. Hollifield□*Immigrants*□*Markets*□*and States*□*The Political Economy of Postwar Europe*□Cambridge□1992□□4-5.

[16] Maddison□*Dynamic Forces in Capitalist Development*□128□Russell Shorto□“Childless Europe□What Happens to a Continent When It Stops Making Babies□□” *New York Times Magazine*□June 29□2008.

[17] Robert Higgs□“From Central Planning to the Market□The American Transition□1945-1947□” *Journal of Economic History*□59□1999□□611-13. The wonderful list of government measures is Higgs’s.

[18] Tom Lewis□“The Roads to Prosperity□” *Los Angeles Times*□December 26□2008.

[19] Nelson Lichtenstein□*State of the Union*□*A Century of American Labor*□Princeton□2002□□76-80□Nelson Lichtenstein□“American Trade Unions and the‘Labor Question’□Past and Present□” in *What’s Next for Organized Labor*□*The Report of the Century Foundation Task Force on the Future of Unions*□New York□1999□□65-70.

[20] Frieden□*Global Capitalism*□261-62□Higgs□“From Central Planning to the Market”□600.

[21] Kindleberger□*Financial History*□413-17.

[22] Louis Hyman□“Debtor Nation□How Consumer Credit Built Postwar America” □Ph.D. dissertation□Harvard□2007□□Karen Orren□*Corporate Power and Social Change□The Politic of the Life Insurance Industry*□Baltimore□1974□□127-31.

[23] Alfred D. Chandler□Jr.□*Inventing the Electronic Century□The Epic Story of the Consumer Electronics and Computer Industries*□New York□2001□□27-30.

[24] Vanessa Schwartz□“Towards a Cultural History of the Jet Age□” Paper presented in Paris□November 13□2008.

[25] Walter G. Moss□*An Age of Progress*□□*Clashing Twentieth Century Forces* □New York□2008□□2-23.

[26] Clark Kerr□*The Uses of the University*□Cambridge□MA□1963□.

[27] Kenneth Flamm□“Technological Advance and Costs□Computers versus Communications□” in Robert W. Crandall and Kenneth Flamm□eds.□*Changing the Rules□Technological Change□International Competition□and Regulation in Communications*□Washington□1989□□15-20.

[28] Rowena Olegario□“IBM and the Two Thomas J. Watsons□” in Thomas K. McGraw□ed.□*Creating Modern Capitalism□How Entrepreneurs□Companies□and Countries Triumphed in Three Industrial Revolutions*□Cambridge□1997□□352.

[29] *Public Papers of the Presidents of the United States*□Washington□Dwight D. Eisenhower Papers□Washington□1960□1035-40.

[30] J.R. McNeill□*Something New under the Sun□An Environmental History of the Twentieth-Century World*□New York□2000□□149□168-69□178-80.

[31] Olegario□“IBM and the Two Thomas J. Watsons□” 349-93.

[32] Olegario□“IBM and the Two Thomas J. Watsons□” 350-54.

[33] Chandler□*Inventing the Electronic Century*□91□Emerson W. Pugh□*Memories that Shaped An Industry□Decisions Leading to IBM System/360* □Cambridge□1984□□187-90.

[34] Olegario，“IBM and the Two Thomas J. Watsons，” 378-79.

[35] Olegario，“IBM and the Two Thomas J. Watsons，” 366-70.

[36] Robert Korstad and Nelson Lichtenstein，“Opportunities Found and Lost：Labor，Radicals，and the Early Civil Rights Movement，” *Journal of American History*，75（1988）：786-96.

[37] Stephen F. Rohde，*Freedom of Assembly*（New York，2005），33-38；Frieden，*Global Capitalism*，299-300.

[38] Roger Lowenstein，“The Prophet of Pensions，” *Los Angeles Times Opinion*，May 11，2008.

[39] *New York Times*，June 18，2008.

[40] Crafts，“Golden Age of Economic Growth in Western Europe，” 433.

[41] Joseph A. McCartin，“A Wagner Act for Public Employees：Labor’s Deferred Dream，and the Rise of Conservatives，1970-1976，” *Journal of American History*，95（2008）：129-31；Tami J. Friedman，“Exploiting the North-South Differential：Corporate Power，Southern Politics，and the Decline of Organized Labor after World War Ⅱ，” *Journal of American History*，95（2008）：323-48.

[42] Frieden，*Global Capitalism*，344.

[43] Olegario，“IBM and the Two Thomas J. Watsons，” 356.

[44] Maddison，*Dynamic Forces in Capitalist Development*，148.

[45] Cameron，*Concise Economic History of the World*，394.

[46] Maddison，*Dynamic Forces in Capitalist Development*，155-167.

[47] Daniel Yergin，*The Prize：The Epic Quest for Oil，Money，and Power*（New York，1991），601-909.

[48] Daniel Yergin，*The Prize：The Epic Quest for Oil，Money，and Power*（New York，1991），590-91.

[49] Barbara Weinstein，“Presidential Address：Developing Inequality，” *American Historical* Review，113（2008）：15.

[50] Kaoru Sugihara□“Labour-Intensive Industrialisation in Global History□” *Australian Economic History Review*□47□2001□□122.

[51] 51.Joyce Appleby□“Modernization Theory and the Formation of Modern Social Theories in England and America□” *Comparative Studies in Society and History*□20□1978□□260□Crafts□“Golden Age of Economic Growth in Western Europe□” 434□Barbara Weinstein□“Developing Inequality□” *American Historical Review*□113□2008□□6-8.

[illegible] [illegible]

20[illegible]70[illegible]·[illegible]·[illegible]1973[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

20[illegible]70[illegible]·[illegible]Milton Friedman[illegible]

[illegible]“[illegible]”[illegible]1976[illegible]1981[illegible]“[illegible]

[illegible]”[illegible][1][illegible]1979[illegible]1982[illegible]

[illegible]20[illegible]60[illegible][2][illegible]20[illegible]90[illegible]2000[illegible]

[illegible]20[illegible]70[illegible]MBA[illegible][3]1980[illegible]1981[illegible]30[illegible]700[illegible]

20[illegible]80[illegible]

[illegible]

[illegible]·[illegible]Tom Wolfe[illegible]“[illegible]”[illegible]“[illegible]”[illegible][4][illegible]20[illegible]——[illegible]

[illegible]

[illegible]——[illegible]——[illegible]20[illegible]60[illegible]70[illegible]newly industrialized countries[illegible]NICs[illegible]37%[illegible]

[illegible]3000[illegible]19[illegible]20[illegible]1820[illegible]1970[illegible]GDP[illegible]25[illegible][5][illegible]1820[illegible]10[illegible]15[illegible]18[illegible]

[illegible]

[illegible]20[illegible]20[illegible]10[illegible][6]

[illegible]7%[illegible]11%[illegible]28%[illegible]——[illegible]30%[illegible]40%[illegible]Sakichi Toyoda[illegible]·[illegible]1867[illegible]

[illegible]1929[illegible]G[illegible]19[illegible]80[illegible]20[illegible]30[illegible]82%[illegible]27%[illegible]39%[illegible][7]

[illegible]Toyoda Automatic Loom Works[illegible]1930[illegible]T[illegible]

[illegible]Toyoda[illegible]Toyota[illegible]

1936[illegible]20[illegible]30[illegible][8]1894[illegible]1904[illegible]1937[illegible]1941[illegible]1945[illegible]

[illegible]1945[illegible]“[illegible]”[illegible]·[illegible]Douglas MacArthur[illegible]

[illegible]200[illegible]500[illegible][9][illegible]

[illegible][10][illegible]1952[illegible]

1950[illegible]·[illegible]·[illegible]William Edwards Deming[illegible]

[illegible]

[illegible]20[illegible]1993[illegible]1953[illegible][11][illegible]

[illegible]20[illegible]70[illegible]

1953[illegible]1973[illegible]20[illegible]10%[illegible][12][illegible]20[illegible]60[illegible]“[illegible]”[illegible]

[illegible]

[illegible]“[illegible]”[illegible][13][illegible]

[illegible]1960[illegible]United States-Japan Mutual Security Treaty[illegible][14]20[illegible]70[illegible]5000[illegible][15][illegible]77[illegible]2008[illegible]

[illegible][16]

[illegible]——[illegible]——[illegible]20[illegible]40[illegible]25%[illegible][17][illegible]100[illegible]

[illegible]1958[illegible]RCA[illegible]IBM[illegible]AT&T[illegible]RCA[illegible]

□□□[18]□□□□□□□□□□□□National Association of Stock Car Auto Racing□□□NASCAR□□□□□□□□□□□□□□□□□□RCA□□□□□□General Electric□□□□□□□□□□Telefunken□□RCA□□RCA□□□□□□□□□□□□□□□□□□□□□□□

RCA□□□1972□□□□□26□□□□□□□□□□□□□□□□□□□□□□□□45□□□□70□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□RCA□□□□1960□□RCA□□□□□□□·□□□□David Sarnoff□□□[19]

1947□□□——□□□1996□□□□□LG□□□□□Zenith□□10□□□□□□□iPod□□□□□□□□□□□□□□□

□□□□□□

□□□20□□80□□□□□□□——□□

[illegible]1975[illegible]1[illegible]22[illegible]·[illegible]Paul Allen[illegible]20[illegible]·[illegible]20[illegible]·[illegible]Steven Wozniac[illegible]·[illegible]Steven Jobs[illegible]·[illegible]Michael Dell[illegible]IBM[illegible]——[illegible]Apple[illegible]Commodore[illegible]Atari[illegible]

IBM[illegible]1980[illegible]IBM[illegible]IBM[illegible]IBM[illegible][20][illegible]IBM[illegible]

[illegible]·[illegible]Robert Noyce[illegible]·[illegible]Gordon Moore[illegible]·[illegible]William Shockley[illegible]MS-DOS[illegible]IBM[illegible]IBM[illegible]·[illegible][21][illegible]IBM[illegible]MS-DOS[illegible]IBM[illegible]

IBM[illegible]IBM[illegible]45[illegible]IBM[illegible]20[illegible]50[illegible]

[illegible]3500[illegible]20[illegible]90[illegible]80[illegible][22]“[illegible]”[illegible]“[illegible]”[illegible]

IBM[illegible]1997[illegible]1/3[illegible][23][illegible]IBM[illegible]300[illegible]20[illegible]80[illegible]IBM[illegible]1999[illegible]IBM[illegible]50%[illegible]22.3%[illegible][24]

[illegible]DVD[illegible]20[illegible]70[illegible]IBM[illegible]IBM[illegible]20[illegible]90[illegible][25]

[illegible]

[illegible]1969[illegible]

[illegible]ARPANET[illegible]21[illegible]

1969[illegible]Telnet[illegible]1975[illegible][26]20[illegible]80[illegible]European Organization for Nuclear Research[illegible]EONR[illegible]·[illegible]·[illegible]Tim Berners-Lee[illegible]·[illegible]Robert Cailliau[illegible]World Wide Web[illegible]1993[illegible]——[illegible]Mosaic[illegible]Netscape[illegible]Internet Explorer[illegible]IE[illegible]Mozilla Firefox[illegible]

[illegible]2005[illegible]10[illegible]6[illegible][27][illegible]

1994[illegible]·[illegible]Jeff Bezos[illegible]Amazon.com[illegible]“dot.com”[illegible]www.××.com[illegible]

[illegible]20[illegible]90[illegible]

[illegible]20[illegible]80[illegible]6[illegible]——[illegible]

1996[illegible]20[illegible]——[illegible]·[illegible]Larry Page[illegible]·[illegible]Sergey Brin[illegible]“[illegible]”[illegible]Google[illegible]“[illegible]”[illegible]——[illegible]2005[illegible]2000[illegible]YouTube[illegible][28]

[illegible]·[illegible]——[illegible]——[illegible]iPod[illegible]20%[illegible][29][illegible]1987[illegible]3996[illegible]

[illegible]·[illegible]“[illegible]”[illegible]

[illegible]“[illegible]”[illegible]IPO[illegible]20[illegible]90[illegible]10[illegible]2007[illegible]100[illegible]72[illegible][30][illegible]8[illegible]

[illegible]IT[illegible]IBM[illegible]IBM[illegible]IBM[illegible]IBM[illegible]2002[illegible]2002[illegible]2008[illegible]500[illegible][31][illegible]iPod[illegible]

[illegible]——[illegible]NEC[illegible]——[illegible]NEC[illegible][32][illegible]IBM[illegible]20[illegible]80[illegible]IBM[illegible]1996[illegible]IBM[illegible]NEC[illegible]CD-ROM[illegible][33]

[illegible]IBM[illegible]Windows 31.J[illegible][34][illegible]

[illegible]

[illegible]——[illegible]20[illegible]60[illegible][35][illegible]

[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

20[illegible]40[illegible]50[illegible]——[illegible]——[illegible]·[illegible]Raul Prebisch[illegible]·[illegible]Immanuel Wallerstein[illegible]·[illegible]·[illegible]Andrew Gunder Frank[illegible]

[illegible][36]

[illegible]CIA[illegible][37]2000[illegible]·[illegible]

[illegible]30[illegible]100[illegible][38][illegible]17[illegible]

[illegible]1950[illegible]1953[illegible]Hyundai[illegible]Chung Ju-yung[illegible]

[illegible]

[illegible]1960[illegible][39][illegible][40]

[illegible]“[illegible]”[illegible]“[illegible]”[illegible]20[illegible]60[illegible]1980[illegible]GNP[illegible]50%[illegible]8%[illegible]16%[illegible][41][illegible]——[illegible]20%[illegible][42][illegible]

[illegible]——[illegible]20[illegible]50[illegible]20[illegible]60[illegible]1997[illegible]1965[illegible]Lee Kua Yew[illegible]“[illegible]”[illegible]1949[illegible]

[illegible]20[illegible]60[illegible]70[illegible]GNP[illegible]7%[illegible]

9%□□□□□□□“□□□□”□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□
□□□□□□Texas Instruments□□□□□□□□□□□□□□□□□□□□□□□□□
□□
□□
□□
□□□□□□□□□□□□□□20□□60□70□□□□□□□□□□□□□□□□□□□□□□
□□□□□□[43]

□□□
□□
□□
□□
□□□□□□□□□□□□[44]□□□□□□□□□□□□□□□□□□□□□□□□□□□
4800□□GDP□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

□□□
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□105:100□□
□□□□□□□□□□□□120:100□□□□□□□□□□□□□□□□□□□□□□□□□□
□□
□□□□□□□□□□□□□□□□□1000□□[45]□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□116:100□□□107:100□

□□□□□□□□□□□□□□□□□□□□□□□[46]□□□□□□□□□□□□□□□□
□□
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

20□□70□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□□□“□□□□□”□□□□□□□□□□□□□□□□□□□□□□□□20□□90□□□
□□

[illegible]

[illegible]1945[illegible]20[illegible]90[illegible]1982[illegible][47]

1997[illegible]

[illegible]“[illegible]”[illegible][48]

[illegible]

[illegible]20[illegible]1962[illegible]·[illegible]Sam Walton[illegible]——[illegible]4%[illegible]5%[illegible]IBM[illegible]·[illegible]

[illegible][49][illegible]7000[illegible]1918[illegible]DVD[illegible]

[illegible][50]

[illegible]·[illegible]

[illegible]7000[illegible]DVD[illegible]1929[illegible]75[illegible]1[illegible]1928[illegible]95%[illegible]20[illegible]30[illegible]·[illegible]·[illegible]·[illegible]

[illegible]José Luis Rodríguez Zapatero[illegible]

[illegible]——[illegible]Home Depot[illegible]Costco[illegible]Target[illegible]——[illegible]500[illegible]35[illegible]1/3[illegible][51][illegible]140[illegible]5200[illegible]·[illegible]

20[illegible]40[illegible][52][illegible][53][illegible]

[illegible]8[illegible]

[illegible]CD[illegible]DVD[illegible]

[illegible]

[illegible]20[illegible]70[illegible]“[illegible]”[illegible]

[illegible]21[illegible]10[illegible]18[illegible]2008[illegible]10[illegible]

20[illegible]80[illegible]90[illegible]1990[illegible]National Institutes of Health[illegible]Department of Energy[illegible]DNA[illegible]DNA[illegible]30[illegible]15[illegible]2003[illegible]

[illegible]·[illegible]Craig Venter[illegible]20[illegible]12[illegible]2[illegible]2[illegible]1[illegible]

[illegible]1975[illegible]——[illegible]——[illegible]20[illegible]47000[illegible]4000[illegible]

[illegible]17[illegible]——[illegible]——[illegible]1991[illegible]

[illegible]1973[illegible][54][illegible]

[illegible]50[illegible][55][illegible]

[illegible]

[illegible]1999[illegible]2000[illegible]2001[illegible]——[illegible]

---

[1] Sheldon L. Richman□“The Sad Legacy of Ronald Reagan□” *Free Market*□10□1988□□1.

[2] Milton Friedman□“Noble Lecture□Inflation and Unemployment” and Gary Becker□“Afterward□Milton Friedman as a Microeconomist□” in *Milton Friedman on Economics□Selected Papers*□Chicago□2007□□1-22□181-86.

[3] Edward Perkins□“The Rise and Fall of Relationship Banking□” www.Common-Place. org□9□2□2009□.

[4] Andrew Ross Sorkin□“A‘Bonfire’Returns as Heartburn□” *New York Times*□June 24□2008.

[5] Thomas K. McGraw□Introduction to Thomas K. McGraw□ed.□*Creating Modern Capitalism□How Entrepreneurs□Companies□and Countries Triumphed in Three Industrial Revolutions*□Cambridge□1995□□1.

[6] Ronald Dore□William Lazonick□and Mary O’Sullivan□“Varieties of Capitalism in the Twentieth Century□” *Oxford Review of Economic Policy*□15□1999□□105□Randall K. Morck and Masao Nakamura□“A Frog in a Well Knows Nothing of the Ocean” in Randall K. Morck□ed.□A *History of Corporate Governance around the World□Family Business Groups to Professional Managers*□National Bureau of Economic Research Report□Chicago□2007□□450-52.

[7] Yutaka Kosai“The Postwar Japanese Economy1945-1973” in Yamamuraed.*Economic Emergence of Modern Japan.*

[8] Yutaka Kosai“The Postwar Japanese Economy1945-1973” in Yamamuraed.*Economic Emergence of Modern Japan.*138-39185.

[9] Ian Buruma“Who Freed Asia” *Los Angeles Times*August 312007W.G. Beasley*Modern History of Japan*2nd ed.New York1973286-87.

[10] Beasley*Modern History of Japan*290-93303-07311-14Jon Halliday and Gavin McCormack*A Political History of Japanese Capitalism*New York1978195-203Normitsu Onishi“No Longer a Reporterbut a Muckraker within Japans Parliament” *New York Times*July 192008.

[11] Kosai“Postwar Japanese Economy” 181-89

[12] Rondo CameronA *Concise Economic History of the WorldFrom Paleolithic Times to the Present*New York1989375392James P. WomackDaniel T. Jonesand Daniel Roos*The Machine That Changed the World*New York199011.

[13] WomackJonesand Roos*Machine That Changed the World*159-68.

[14] WomackJonesand Roos*Machine That Changed the World*240-45Ralph Landau“Strategy for Economic GrowthLessons from the Chemical Industry” in Ralph LandauTimothy TaylorGavin Wrighteds.*The Mosaic of Economic Growth*Stanford1996411-12.

[15] Kosai“Postwar Japanese Economy” 198Nick Bunkley“Toyota Moves Ahead of G.M. in Auto Sales” *New York Times*July 242008.

[16] Jeffrey R. Bernstein“Japanese Capitalism” in McGrawed.*Creating Modern Capitalism*473-74.

[17] Jeffrey R. Bernstein“Japanese Capitalism” in McGrawed.*Creating Modern Capitalism*477-78Kosai“Postwar Japanese Economy” 192-93E.S. Crawcour“Industrialization and Technological Change1885-1920” in Yamamuraed.*Economic Emergence of Modern Japan*341WomackJonesand Roos*Machine That Changed the World*54.

[18] Alfred D. ChandlerJr.*Inventing the Electronic CenturyThe Epic Story of the Consumer Electronics and Computer Science Industries*New York2001

35-40.

[19] Alfred D. Chandler，Jr.，*Inventing the Electronic Century：The Epic Story of the Consumer Electronics and Computer Science Industries*（New York，2001），45-48.

[20] Walter G. Moss，*An Age of Progress*？：*Clashing Twentieth Century*（New York，2008），44；Rowena Olegario，“IBM and the Two Thomas J. Watsons，” in Thomas K. McGraw（ed.）*Creating Modern Capitalism*，355；Chandler，Jr.，*Inventing the Electronic Century*，136-37.

[21] Ben Marsden and Crosbie Smith，*Engineering Empires：A Cultural History of Technology in Nineteenth-Century Britain*（New York，2005），99；Chandler，Jr.，*Inventing the Electronic Century*，137.

[22] Olegario，“Two Thomas J. Watsons，” 383.

[23] Chandler，Jr.，*Inventing the Electronic Century*，35-40；Lee S. Sproul，“Computers in U.S. Households since 1977，” in Alfred D. Chandler，Jr.，and James W. Cortada（eds.）*A Nation Transformed by Information：How Information Has Shaped the United States from Colonial Times to the Present*（New York，2003），257.

[24] Emerson W. Pugh，*Building IBM：Shaping an Industry and Its Technology*（Cambridge，MA，1995），314；Chandler，Jr.，*Inventing the Electronic Century*，140-41.

[25] Emerson W. Pugh，*Building IBM：Shaping an Industry and Its Technology*（Cambridge，MA，1995），314；Chandler，Jr.，*Inventing the Electronic Century*，140-41.

[26] Emerson W. Pugh，*Building IBM：Shaping an Industry and Its Technology*（Cambridge，MA，1995），314；Chandler，Jr.，*Inventing the Electronic Century*，170-75.

[27] Alex MacGillivray，*A Brief History of Globalization：The Untold Story of Our Incredible Shrinking Planet*（New York，2006），267.

[28] David Carr，“Google Seduces with Utility，” *New York Times*，November 24，2008.

[29] Kenneth Flamm “Technological Advance and Costs□” in Robert W. Crandall and Kenneth Flamm□eds.□*Changing the Rules□International Competition□and Regulation in Communications*□Washington□1989□□28□Marsden and Smith□*Engineering Empires*□100-1.

[30] “Tech Hot Spots□” Silicon.com□2008□.

[31] William S. Broad and Cornelia Dean□“Rivals Visions Differ on Unleashing Innovation□” *New York Times*□October 16□2008.

[32] Olegario□“Two Thomas J. Watsons□” 381.

[33] Chandler□Jr.□*Inventing the Electronic Century*□233-34.

[34] Brenton R. Shlender□“U.S. PCs Invade Japan□” *Fortune*□July 12□1993.

[35] Chandler□Jr.□*Inventing the Electronic Century*□211-12□Michael C. Latham□*Modernization as Ideology□American Social Science and “Nation-Building” in the Kennedy Era*□Chapel Hill□2000□.

[36] Richard A. Stanford□“The Dependency Theory Critique of Capitalism□” Furman University Web site.

[37] Barbara Stallings□“The Role of Foreign Capital in Economic Development” in Gary Gereffi and Donald L. Wyman□eds.□*Manufacturing Miracles□Paths of Industrialization in Latin America and East Asia*□New York□1990□□56-57.

[38] Stephen Haggard□“The Politics of Industrialization in the Republic of Korea and Taiwan□” in Helen Hughes□ed.□*Achieving Industrialization in East Asia*□Cambridge□1988□□262-63.

[39] Ian Buruma□“Who Freed Asia□□” *Los Angeles Times*□August *31□2007*.

[40] Robert Wade□“The Role of Government in Overcoming Market Failure in Taiwan□Republic of Korea□and Japan□” in Hughes□ed.□*Achieving Industrialization in East Asia*□157-59.

[41] Seiji Naya□“The Role of Trade Policies in the Industrialization of Rapidly Growing Asian Developing Countries□” in Hughes□ed.□*Achieving Industrialization in East Asia*□64.

[42] James Riedel□“Industrialization and Growth□Alternative Views of East Asia□” in Hughes□ed.□*Achieving Industrialization in East Asia*□9-13.

[43] Chandler□Jr.□*Inventing the Electronic Century*□212-15□David Mitch□“The Role of Education and Skill in the British Industrial Revolution□” in Joel Mokyr□ed.□*The British Industrial Revolution*□Oxford□1999□□277-78.

[44] Nancy Birdsall□“Inequalitiy Matters□Why Globalization Doesn’t Lift All Boats□” *Boston Review*□March-April 2007□□7-11.

[45] Amelia Gentleman□“Sex Selection by Abortion Is Denounced in New Delhi□” *New York Times*□April 29□2008.

[46] Choe Sang-Hun□“South Korea□Where Boys Were Kings□Revalues Its Girls□” *New York Times*□October 23□2007.

[47] Robert W. Crandall and Kenneth Flamm□“Overview□” in Crandall and Flamm□eds.□*Changing the Rules*□114-29□Tony A. Freyer□*Antitrust and Global Capitalism*□New York□2006□□6-7.

[48] Dick K. Nanto□“The 1997-98 Asian Financial Crisis□” CRS Report for Congress□February 6□1998□www.fas.org/man/crs/crs-asia2□□5.

[49] “The Time 100□” *New York*□2000□.

[50] Thomas L. Friedman□*The World Is Flat□A Brief History of the Twenty-first Century*□New York□2005□□128-39□Nelson Lichtenstein□“Why Working at Wal-Mart Is Different□” *Connecticut Law Review*□39□2007□□1649-84□“How Wal-Mart Fights Unions□” *Minnesota Law Review*□92□2008□□1462-1501.

[51] Kenneth Pomeranz and Steven Topik□*The World That Trade Created□Society□Culture□and the World Ecoomy□1400 to the Present*□Armonk□NY□2006□□260.

[52] Robert Pollin et al.□*A Measure of Fairness□The Economics of Living Wages and Minimum Wages in the United States*□Amherst□2008□.

[53] Nelson Lichtenstein□“American Trade Unions and the‘Labor Question’□Past and Present□*What’s Next for Organized Labor□The Report of the Century Foundation Task Force on the Future of Unions*”□New York□1999□□Steven Greenhouse□*The Big Squeeze□Tough Times for the American Worker*□New York□2008□□289-301.

[54] Robert Brenner，*The Economics of Global Turbulence：The Advanced Capitalist Economies from Long Boom to Long Downturn，1945-2005*（London，2006）.

[55] Charles R. Beitz，“Does Global Inequality Matter？）” in Thomas W Pogge（ed.）*Global Justice*（Oxford，2001），106，quoted in Barbara Weinstein，“Developing Inequality，” *American Historical Review*，113（2008），2.

□□□□ □□21□□

2008[illegible]8[illegible]8[illegible]2000[illegible]29[illegible]3000[illegible]897[illegible]“[illegible]”[illegible]“[illegible]”[illegible]21[illegible]15000[illegible]1[illegible]30[illegible]

[illegible]

[illegible]60[illegible]20[illegible]80[illegible]

21[illegible]20[illegible]17[illegible]20[illegible]80[illegible]1820[illegible]1950[illegible]1/10[illegible]2025[illegible]1/3[illegible]20[illegible]

[illegible]

[illegible]2008[illegible]·[illegible]Yogi Berra[illegible]“[illegible]”[illegible]20[illegible]20[illegible]61[illegible]

1947[illegible]23[illegible]“[illegible]”[illegible]900[illegible][1][illegible]

2003[illegible]2008[illegible]2001[illegible]

[illegible]

[illegible]1947[illegible]27[illegible]126[illegible]24[illegible]2001[illegible]2006[illegible]DVD[illegible]CD[illegible]30%[illegible]1842[illegible]·[illegible]Charles Dickens[illegible][2]

[illegible][3][illegible]

[illegible]153[illegible]28[illegible][4][illegible][5][illegible]

[illegible]20[illegible]

[illegible]147[illegible]

[illegible][6][illegible]

[illegible]/[illegible]

[illegible]30[illegible]1949[illegible][7][illegible]20[illegible]30[illegible]40[illegible]

[illegible]5000[illegible]7[illegible]26000[illegible]

[illegible][8][illegible]“[illegible]”[illegible]2000[illegible]20[illegible]50[illegible]

[illegible]1966[illegible]“[illegible]”[illegible]1968[illegible]“[illegible]”[illegible]

[illegible]

1976[illegible][9][illegible]1971[illegible]·[illegible]1978[illegible]——[illegible]1989[illegible]

20[illegible]80[illegible]13[illegible]

[illegible]

“[illegible]”[illegible]——[illegible]——[illegible]18[illegible]

[illegible][10][illegible]“[illegible]”[illegible]

[illegible]1979[illegible]10%[illegible]25[illegible]GDP[illegible]1989[illegible]2004[illegible]5.4%[illegible]12%[illegible]20[illegible][11]

[illegible]1984[illegible]

[illegible]

[illegible][12][illegible]

[illegible]

[illegible]14[illegible]1997[illegible]

[illegible][13][illegible]“[illegible]”[illegible]

[illegible]1993[illegible]2008[illegible]60[illegible]——16[illegible][14]

1978[illegible]89%[illegible]71%[illegible][15]1978[illegible]

□□
□□□□30%□□□
□□
□□□□□□□□□□□□□□□□□□□□□□□□□□

1984□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□3000□□□□□□□□□□□□2/3□□□15□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□30□□□□□□□□□□□□□□□□1998□□□7.4%□□□□□□□□□□□□□□□□□□□□12.8%□[16]

□□1992□□□□□□□□□□□□□□□1994□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□[17]□□□35%□□□□□□□□□□□□□□□□□□□□□□□□□□[18]

□□□□□□□□□1400□□□□□□□□□□□□□□2009□□□1999□□□□□□□□□□□□□17.27□□□□□□15□□□10□□□□□□□□□□□□□□□□□□□□□□□□□□[19]

2008□□□□□□□□□□□30□□□□□□□□□□□□□□□□□□□□□□□□□30□□□10%□□□8%□□□□□□□□□□□□□□□□□□□□□□8□□

[illegible][20][illegible]

[illegible]20[illegible]70[illegible]2[illegible]10[illegible]20[illegible]70[illegible]“[illegible]”[illegible]1979[illegible]2010[illegible]1.7[illegible]1.4[illegible]2.1[illegible]20[illegible]50[illegible]30%[illegible]20%[illegible][21][illegible]

20[illegible]60[illegible]20[illegible]80[illegible]2010[illegible]3.32[illegible]50[illegible]1.4[illegible][22]

[illegible]“[illegible]”[illegible][23][illegible]“[illegible]”[24]

1989[illegible]1992[illegible]“[illegible]”[illegible]

[illegible]1999[illegible]16[illegible]2002[illegible]2007[illegible]10%[illegible]7400[illegible]

[illegible]20[illegible]90[illegible]35000[illegible]9000[illegible][25][illegible]2006[illegible]11000[illegible]

1994[illegible]15[illegible]

[illegible]

[illegible]1994[illegible]“[illegible]”[illegible]1997[illegible]1998[illegible]21[illegible]2008[illegible][26]

[illegible]20[illegible]50[illegible]60[illegible]1%[illegible]60%[illegible]70%[illegible]1%[illegible][27][illegible]

[illegible]2005[illegible]1951[illegible]

[illegible]750[illegible][28]

20[illegible]90[illegible]21[illegible]1000[illegible]1970[illegible]2008[illegible]18%[illegible][29]2004[illegible]1/3[illegible]2/3[illegible]

[illegible]2008[illegible]20%[illegible]30%[illegible]

[illegible]“[illegible]”[illegible][30]20[illegible]80[illegible]

[illegible]2008[illegible]1997[illegible]GDP[illegible]8%[illegible][31][illegible]2008[illegible]5[illegible]88000[illegible]500[illegible]

[illegible]7[illegible]3%[illegible]5%[illegible]2008[illegible]5000[illegible]

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□[32]

2008□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□□□[33]□□□□□□□□□□□□□□□
1987□□24□□□□□□□□□□□□□□□□□□□□□□□□1000
□□□□□□□□2900□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□□240□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□4000□□□□□□□2009□□□□□□□□
□□□□□□□□□

□□□□□□□

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□“□□
□□□□□”□[34]20□□80□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□1991□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□20□□90□□□□□□□□□□□□□□□□
□□□□□□□“□□□□”□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□□□□□□□□□□□□□□□□

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

[illegible]50[illegible]15[illegible]
[illegible][35]

[illegible]2008[illegible]“[illegible]”[illegible]

[illegible]

[illegible]300[illegible]——[illegible]17[illegible]

[illegible]1830[illegible]19[illegible]1860[illegible]1920[illegible]60[illegible]600[illegible]1900[illegible][36]

[illegible]“[illegible]”[illegible]·[illegible]Dadabhai Naoroji[illegible]“[illegible]”[illegible]2[illegible]20[illegible]450[illegible]1885[illegible]Indian National Congres[illegible]·[illegible]Mahatma Gandhi[illegible]1947[illegible][37]

[illegible]

[illegible]7%[illegible][38]20[illegible]40[illegible]

1820[illegible]

[illegible]

[illegible]16%[illegible]“[illegible]”[illegible]“[illegible]”[illegible]1973[illegible]86[illegible][39][illegible]

[illegible]2008[illegible]15[illegible]2008[illegible]·[illegible]Kumari Mayawati[illegible][40][illegible]

[illegible]1947[illegible]2008[illegible]2008[illegible]522[illegible]120[illegible]

[illegible][41][illegible]

[illegible]

[illegible]

[illegible]·[illegible]Manmohan Singh[illegible]1991[illegible]License Raj[illegible]1947[illegible]·[illegible]2004[illegible]

[illegible]20[illegible]90[illegible]20[illegible]“[illegible]”[illegible]

[illegible]24%[illegible]50%[illegible]50%[illegible]1%[illegible]3%[illegible][42][illegible]

[illegible]11[illegible]2/3[illegible]20[illegible]70[illegible]80[illegible]1/4[illegible]2.15[illegible]65%[illegible]GDP[illegible]18%[illegible]20[illegible]60[illegible]20[illegible]50[illegible]

[illegible]·[illegible]Henry Wallace[illegible]International Center for Maize and Wheat Improvement[illegible]ICMW[illegible]International Rice Research Institute[illegible]IRRI[illegible]·[illegible]Norman Borlaug[illegible]1963[illegible]United States Agency for International Development[illegible]AID[illegible]1995[illegible]4%[illegible][43]

[illegible]20[illegible]90[illegible]

[illegible]

□□□□□□□□□□□□□□□□□□□□□——□□□□□□□□□□□□□□□□□□□□□□□□□□200□□□1/4□□□650□□□□

□□[44]□□□20□□

□□Tata□□□

□□□□□John Deere□□LG□□□LG Electronics□□□□□□□the Essar Group□□□□□□□□□□□□□□□□Motorola□□□□□□□□□□□Whirlpool□□300□□1/3□□□□□□□□□□□□□□□□□□□90%□□□□□□□□□□□□□□□15000□□□□□□□□□□□□□□□□□□□□□□□□□□2200□□□□□□□□□□□□□□□□□Reva□□□□□□□□□□□□□□□□□□21□□[45]

□□2030□□□□□□□□□□□□□□□□□□□□□2013□□□□20□24□□□□□□□□□□□□□□1.16

[illegible]9800[illegible]25[illegible]18[illegible]40%[illegible]1950[illegible]29%[illegible]2008[illegible]60%[illegible]63[illegible]8.8%[illegible]——[illegible]——[illegible]2016[illegible]1[illegible]

[illegible]

[illegible]GDP[illegible]64%[illegible]70%[illegible]57%[illegible]54%[illegible]38%[illegible]1/4[illegible]28%[illegible]35%[illegible]2008[illegible][46]

[illegible]CD/DVD[illegible]

[illegible]1996[illegible]3[illegible]2006[illegible]23[illegible]

□□□□□□□□·D.□□□□Mukesh D.Ambani□□□□□□□□□□□□□
□Reliance Industries□□□RI□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□□□·□□□□□□□□□□□15□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□□□□□□□□□□□□□□Bombay□Mumbai□□□□□□□
□□
□□
□□□□□□□[47]□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□□□□□□□□

□□□□·□□□□□□——□□□□□□□□□□□□□□□□

□□□□□□□□□□□□□□□□□□□□□□□□——□□□□□□——□□□□□□
□□□□□□□□□□□□□□□□□20□□40□□□□□□□□□□□□□□□□□□——□□□
□·□□
1913□1948□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□□□□□□24□□□□□□□□□□20□□1893□□□□□□□□
□□
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

□□□
□□·
□□□□Jawaharlal Nehru□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□
□□
□□□□□□□□□□□□□□□20□□□□□□□□□□□□□□□□□□

□□□
□□□□20□□20□□□□□□□□□30□□□□□□□□□□1949□□□□□□□□□□□□

[illegible]“[illegible]”[illegible]

[illegible]10[illegible]20[illegible]Vaishyas[illegible]“[illegible]”[48]

[illegible]2008[illegible][49][illegible]

[illegible]18[illegible]

2008[illegible]27[illegible]2007[illegible][50]2008[illegible]110[illegible][51][illegible]

[illegible]·[illegible]Lawrence Summers[illegible]South Asian Free Trade Alliance[illegible][52][illegible]20[illegible]

---

[1] Kenneth Pomeranz and Steven Topik□*The World That Trade Created□Society□Culture□and the World Economy□1400 to the Present*□Armonk□NY□2006□□263□Joseph E. Stiglitz□“Capital Market Liberalization□Globalization□and the IMF□” *Oxford Review of Economic Policy*□20□2004□.

[2] Justin Yifu Lin□“Lessons of China’s Transition from a Planned Economy to a Market Economy□” *Distinguished Lectures Series*□no. 16□2004□□30□Jonathan Holland□ed.□“Top Manta□la pirateria musical en Espana□” *Puerto del Sol*□vol. 11□no.5□2003□□15-18□Stephen Mihm□“A Nation of Outlaws□” *Boston Globe*□August 26□2007.

[3] 2010[illegible]——[illegible]

[4] [illegible]2010□7□31[illegible]153[illegible]2011□12□16[illegible]——[illegible]

[5] Tina Rosenberg□“Globalization□” *New York Times*□July 30□2008.

[6] Jeffrey A. Frieden□*Global Capitalism□Its Fall and Rise in the Twentieth Century*□New York□2007□□166-67□467-70.

[7] □□□□16□□□□□□□□□□□□□□□□□——□□□

[8] Kenneth Pomeranz□“Chinese Development in Long-Run Perspective□” *American Philosophical Society Proceedings*□152□2008□□83-84.

[9] Barry Naughton□*The Chinese Economy□Transitions and Growth* □Cambridge□2007□□82□222.

[10] Barry Naughton□*The Chinese Economy□Transitions and Growth* □Cambridge□2007□□217-19.

[11] S. Shuming Bao et al.□“Geographic Factors and China’s Regional Development under Market Reforms□1978-98□” *China Economic Review*□13 □2002□□90□109-10□Lin□“Lessons of China’s Transition”□2□Naughton□*Chinese Economy*□222.

[12] Lin□“Lessons of China’s Transition”□29.

[13] Wing Thye Woo□“Transition Strategies□The Second Round of Debate” □2000□□10.

[14] Siri Schubert and T. Christian Miller□“Where Bribery Was Just a Line Item□” *New York Times*□December 21□2008.

[15] Naughton□*Chinese Economy*□79□Philip Huang□*The Peasant Family and Rural Development in the Yangzi Delta□1350-1988*□Stanford□1990□□Philip Huang□*The Peasant Economy and Social Change in North China*□Stanford□1985□.

[16] C.V. Ranganathan□“How to Understand Deng Xiaping’s China□” in Tan Chung□ed.□*Across the Himalayan Gap□An Indian Quest for Understanding China* □1998□.

[17] Pomeranz□“Chinese Development in Long-Run Perspective”□90-92.

[18] Naughton□*Chinese Economy*□202-3□398.

[19] Pomeranz□“Chinese Development in Long-Run Perspective”□95.

[20] Edward Wong□“In Major Shift□China May Let Peasants Sell Rights to Farmland□” *New York Times*□October 11□2008.

[21] Naughton□*Chinese Economy*□161.

[22] David E. Bloom et al.□“Why Has China’s Economy Taken Off Faster than India’s□”□June 2006□□available on the Web□Kenneth Pomeranz□“Why China’s Dollar Pile Has to Shrink□Relatively Soon□□” *China Beat Blog*□ http□//thechinabeat.blogspot.com/2008/01/why-chinas-dollar-pile-has-to-shrink.htmlp□January 19□2008.

[23] Woo□“Transition Strategies”□10□Ranganathan□“How to Understand Deng Xiapeng’s China.”

[24] James Fallows□“China Makes□the World Takes□” *Atlantic Monthly*□July-August 2007□□Ching-Ching Ni□“The Beijing She Knew Is Gone□In Its Place□the Beijing She Loves□” *Los Angeles Times*□August 3□2008.

[25] Donald Clarke□Peter Murrell□and Susan Whiting□“The Role of Law in China’s Economic Development” and Fang Cai□Albert Park□and Yohui Zhao□“The Chinese Labor Market in the Reform Era□” in Loren Brandt and Thomas G. Rawski□eds.□*China’s Great Economic Transformation*□New York□2008□□172-73□390-91□Robert Brenner□*The Economics of Global Turbulence□The Advanced Capitalist Economies from Long Boom to Long Downturn□1945-2005*□London□2006□□324-26□Emily Hannum□Jere Behrman□Meiyan Wang□and Jihong Liu□“Education in the Reform Era” and Alan Heston and Terry Sicular□“China and Development Economics□” in Brandt and Rawski□eds.□*China’s Great Economic Transformation*□233□40.

[26] Naughton□*Chinese Economy*□422-23□107-10□478-81□Keith Bradsher□“Qualifying Tests for Financial Workers□” *New York Times*□December 26□2008.

[27] Hannum□Behrman□Wang□and Liu□“Éducation in the Reform Era” and Heston and Sicular□“China and Development Economics□” 233□40□Amy Chua□*World on Fire□How Exporting Free Market Democracy Breeds Ethnic Hatred and Global Instability*□New York□2005□□3-7.

[28] D.S. Rajan□“China□Tibet-Indian Ocean Trade Route—Mixing Strategy□Security and Commerce□” *South Asia Analysis Group*□Paper No.1546□2005□□Somini Sengupta□“After 60 Years□India and Pakistan Begin Trade across the Line Dividing Kashmir□” *New York Times*□October 22□2008.

[29] Lin□"Lessons of China's Transition"□16□Jeffrey D. Sachs and Wing Thye Woo□"Understanding China's Economic Performance□" *Journal of Policy Reform*□4□2000□□18□Woo□"Transition Strategies"□10□12□23□Sachs and Woo□"China's Economic Growth after WTO Membership□" *Journal of Chinese Economic and Business Studies*□vol.1□no.27□2003□□27□Albert G.S. Yu and Gary H. Jefferson□"Science and Technology in China□" in Brandt and Rawski□*China's Great Economic Transformation*□320.

[30] Qiu Xiaolong□*Death of a Red Heroine*□New York□2000□□135□308.

[31] J.R. McNeill□*Something New under the Sun□An Environmental History of the Twentieth-Century World*□New York□2000□□107.

[32] Mark Magnier□"Bribery and Graft Taint Every Facet of Life in China□" *Los Angeles Times*□December 29□2008.

[33] Barry Naughton□"China□Which Way the Political Economy□□" Paper delivered at the UCLA Brenner Seminar□April 9□2007.

[34] Lin□"Lessons of China's Transition"□3. The opinion expressed is that of Grzegorz W. Kolodko.

[35] Parag Khanna□"Waving Goodbye to Hegemony□" *New York Times Magazine*□January 27□2008.

[36] Manu Goswami□*Producing India□From Colonial Economy to National Space*□Chicago□2004□□46-53.

[37] Manu Goswami□*Producing India□From Colonial Economy to National Space*□Chicago□2004□□224-26□233.

[38] Pranah Bardhan□"What Makes a Miracle□□Some Myths about the rise of China and India□" *Boston Review*□January-February 2008□□Heston and Sicular□"China and Development Economics□" 31.

[39] *Los Angeles Times*□July 7□1973□Part 1:6.

[40] Somini Sengupta□"A Daughter of India's Underclass Rises on Votes That Cross Caste Lines□*New York Times*□July 18□2008.

[41] Bardhan□"What Makes a Miracle□"□11-13□Amartya Sen□*Development as Freedom*□New York□1999□□149-51□and "An Elephant□Not a Tiger□A Special Report on India□" *Economist*□December 13□2008□6.

[42] Naughton□*Chinese Economy*□154-57□196.

[43] McNeill□*Something New under the Sun*□219-21.

[44] Naughton□*Chinese Economy*□497□Mira Kamdar□*Planet India□The Turbulent Rise of the Largest Democracy and the Future of Our World*□New York□2007□□143-48□160□179-85□Somini Sengupta□“India’s Growth Outstrips Crops□” *New York Times*□June 22□2008.

[45] Kamdar□*Planet India*□112-16.

[46] Kamdar□*Planet India*□192-94□102□116-17□Jeremy Kahn□“Booming India Is Suddenly Caught in the Credit Vise□” *New York Times*□October 24□2008□Joe Nocera□“How India Avoided a Crisis□” *New York Times*□December 20□2008.

[47] Kamdar□*Planet India*□102□107□124□Anand Giridharadas□“Indian to the Core□and an Oligarch□” *New York Times*□June 15□2008.

[48] Gurcharan Das□“The Next World Order□” *New York Times*□January 2□2009.

[49] Keith Bradsher□“A Younger India Is Flexing Its Industrial Brawn□” *New York Times*□September 11□2008.

[50] Alexei Barrionuevo□“For Wealthy Brazilian□Money from Ore and Might from the Cosmos□” *New York Times*□August 2□2008.

[51] Kahn□“Booming India Is Suddenly Caught in the Credit Vise.”

[52] Heather Timmons□“Singing the Praises of a New Asia□” *New York Times*□April 19□2007.

[illegible] [illegible]

21[illegible]

[illegible]2007[illegible]

[illegible]Tennyson[illegible]“[illegible]”[illegible]

2008[illegible]

[illegible]2002[illegible]

[illegible]Office of the Comptroller of the Currency[illegible]

[illegible][1][illegible]

[illegible]“[illegible]”[illegible]

2008[illegible]2009[illegible]1987[illegible]20[illegible]80[illegible]1989[illegible]1997[illegible]1998[illegible]2000[illegible]2001[illegible]2008[illegible]2007[illegible]

[illegible]“[illegible]”[illegible]Bear Stearns[illegible]Fannie Mae[illegible]Freddie Mac[illegible]American International Group[illegible]20[illegible]30[illegible]20[illegible]90[illegible]“[illegible]”[illegible]20[illegible]

19[illegible]J.P.[illegible]19[illegible]1999[illegible]1933[illegible]Glass-Steagall Act[illegible]20[illegible]90[illegible][2]

2008[illegible]20[illegible]70[illegible]20[illegible]30[illegible]·[illegible]Margaret Thatcher[illegible]·[illegible]Ronald Reagan[illegible]1999[illegible]

[illegible]·[illegible]—[illegible]—[illegible]Gramm-Leach-Bliley Financial Service Modernization Act[illegible]

[illegible]Credit Default Swaps[illegible]

[illegible]2004[illegible]——[illegible]50[illegible]——[illegible][3][illegible]

[illegible][4][illegible]2%[illegible]3%[illegible]2009[illegible]

[illegible]100[illegible]10[illegible]110[illegible]10[illegible]

[illegible]2000[illegible]2006[illegible]·[illegible]Ralph Nader[illegible]

[illegible]Federal Reserve Bank[illegible]

[illegible]2008[illegible]1997[illegible]2008[illegible]

[illegible]21[illegible]10[illegible]

□□□□□□□□□□□——□□□□□□“□□□□□□”□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□6□□□

□□□□□□□□□□□□GNP□□□□□11%□□□□20%□□□□□□□□□□□□□□□□□□□□□□□1:30□□□21□□□□□□□□□□□40%□□□

□□□Standard & Poor□□□□□Moody’s□□□[5]

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□——□□□□□□□□□□□□□□□□□□□——□□□“□□□”□□□□□□□□□□□□□□7□□□□□□□□□□□□□□□□□□□□□□□□□□□

□□□□□□□□□□□□□□□□·□□□Frederick Soddy□□□□□□□□□□□□□□□□20□□20□□□100□□□□□□□110□□□

[illegible][6]
[illegible]

[illegible]American Dialect Society[illegible]“[illegible]”[illegible]2007[illegible][7][illegible]21[illegible]10[illegible]“[illegible]”[illegible]·[illegible]Alan Greenspan[illegible]

2007[illegible]——[illegible]——[illegible]

[illegible]2008[illegible]40[illegible]——[illegible]——[illegible]·[illegible]Willie Sutton[illegible]

[illegible]——[illegible]——[illegible]Gramm-Leach-Bliley Act[illegible]

[illegible]20[illegible]80[illegible]

[illegible]2001[illegible]9000[illegible]2007[illegible]62[illegible][8][illegible]10[illegible]37.5[illegible]2008[illegible]2[illegible]

[illegible][9]

[illegible]2009[illegible]1/4[illegible]——[illegible]1300[illegible]——[illegible]“[illegible]”[illegible]5000[illegible]4000[illegible]1990[illegible]“[illegible]”[illegible]7000[illegible]“[illegible]”[illegible]·[illegible]Barack Obama[illegible]·[illegible]1932[illegible]“[illegible]”[illegible]

[illegible]20[illegible]70[illegible]“[illegible]”[illegible]

[illegible]1989[illegible]·[illegible]·[illegible]Roger Smith[illegible]50000[illegible]2009[illegible]

[illegible]30[illegible]75%[illegible]2008[illegible]20[illegible]40[illegible]30[illegible]

[illegible]American Federation of Labor and Congress of Industrial Organizations[illegible]AFL-CIO[illegible]1/3[illegible]20[illegible]50[illegible]CEO[illegible]1978[illegible]35[illegible]2008[illegible]275[illegible]·[illegible]2003[illegible]

[illegible]Employee Free Choice Act[illegible]2007[illegible]1/4[illegible]1%[illegible]

[illegible]21[illegible][10]

[illegible]·[illegible][11][illegible]25[illegible]21[illegible]1944[illegible]

[illegible]·[illegible]Evel Knievels[illegible]

[illegible]——[illegible]security[illegible]“[illegible]”——[illegible]——[illegible]

[illegible]2008[illegible]20[illegible]·[illegible]Charles Ponzi[illegible]·[illegible]Bernard Madoff[illegible]500[illegible][12][illegible]

[illegible]15[illegible]20[illegible]200[illegible]21[illegible]——[illegible]

[illegible]2008[illegible]1953[illegible]·[illegible]Charlie Wilson[illegible]“[illegible]”[illegible]21[illegible]CEO[illegible]

[illegible]House Financial Services Committee[illegible]·[illegible]Barney Frank[illegible]“[illegible]”[illegible][13]20[illegible]30[illegible]

[illegible]1999[illegible]2008[illegible]“[illegible]”[illegible]·[illegible]·[illegible]·[illegible]·[illegible]Luis Inácio Lula da Silva[illegible][14]

[illegible]16[illegible]50[illegible]·[illegible]“[illegible]”[illegible][15]

[illegible]2008[illegible]21[illegible]IBM[illegible]Globalphilia[illegible]IBM[illegible]“[illegible]”[illegible][16][illegible]

[illegible]“[illegible]”[17][illegible]“[illegible]”[illegible]

[illegible]

[illegible]

2008[illegible]“[illegible]”[illegible][18][illegible]

[illegible]

[illegible]

16[illegible]

17[illegible]18[illegible]

[illegible]18[illegible]30[illegible]40[illegible]18[illegible]

17[illegible]1723[illegible]14[illegible]

[illegible]——[illegible]——[illegible]19[illegible]19[illegible]

[illegible]——[illegible]——[illegible]

[illegible]

[illegible]

[illegible]

[illegible] 16 [illegible] 19 [illegible]

[illegible] 20 [illegible]
1914 [illegible]
[illegible] 20 [illegible] 1945 [illegible]
[illegible] 20 [illegible]

1900 [illegible] 40 [illegible]

[19]

[illegible]·[illegible]·[illegible]25[illegible]

20[illegible]70[illegible]40[illegible]

[illegible]“[illegible]”[illegible]

[illegible]

[illegible]·[illegible]Gordon Gekko[illegible]“[illegible]”[illegible]1997[illegible]·[illegible]“[illegible]”[illegible]——[illegible]——[illegible]

[19]

[illegible]60[illegible]21[illegible]20[illegible]

[illegible]

[illegible]20[illegible]70[illegible]3[illegible][20][illegible]50[illegible]

[illegible]——[illegible]19[illegible]70[illegible]20[illegible]30[illegible]5100[illegible]200[illegible]4900[illegible]4800[illegible][21]

[illegible]

[illegible]“[illegible]10[illegible]”[illegible]·[illegible]Paul Collier[illegible]“[illegible]”[illegible]60[illegible]1/6[illegible]40[illegible][22]2005[illegible]14[illegible]1.25[illegible]10[illegible]——[illegible]57[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

57[illegible]57[illegible][23]

[illegible]640[illegible]10[illegible][24]

[illegible]·[illegible]Muhammad Yunus[illegible]·[illegible]·[illegible]Amartya Sen[illegible]·[illegible]·[illegible]Frances Moore Lappé[illegible]·[illegible]Walden Bello[illegible]·[illegible]Raj Patel[illegible]·[illegible]（Peter Barnes[illegible]

□□10□□□

□□□·□□□□□□□□1940□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□1969□1972□□□“□□□□□□□□□□□□□□□□□□□□□”□[25]□□□30%□□□□□

□□27□□□□□□□□42□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□1976□□□□□□□□□□□□□□□□□□□□□□□□Grameen Bank□□1983□□□10%□□□□□□□□□□□□□□□□□□□□□□□□2007□□□□□□□□700□□□□□□□□□63.8□□□□□□□□□□□□□□□□□□□□□□□□□□

□□□90%□□2006□□□□□□□□□□□□□□□□□□□□□□□——70□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□5□□□□□26□□□

□□ICICI□□□□□□□□□□□100□□□300□□□□□□□6□□

[illegible]·[illegible]·[illegible]Carlos Slim Hélu[illegible]·[illegible]·[illegible]25[illegible]“[illegible]”[illegible][26]

[illegible]“[illegible]”[illegible]“[illegible]”[27][illegible]18[illegible]1780[illegible]

“[illegible]”[illegible]·[illegible]·[illegible]·[illegible]·[illegible]William Cobbett[illegible]100[illegible]

[illegible]·[illegible]·[illegible]1947[illegible]1998[illegible]1943[illegible]

[illegible][28][illegible]

[illegible]·[illegible]·[illegible]Institute for Liberty and Democracy[illegible]·[illegible]·[illegible]·[illegible]100[illegible]50[illegible]·[illegible]31[illegible]77[illegible]·[illegible]

[illegible]·[illegible]Working Assets Long Distance[illegible]3.0[illegible]“[illegible]”[illegible]

[illegible]

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□□□□□□□□□□□□□□□□Alaska Permanent Fund□□□[29]

□□□□□□□□□□□□·□□·□□□□□·□□□□·□□□1975□□“□□□□”□□□□□□□□□□□□□□□□□“□□□□”□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□Focus on the Global South□□

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□2008□□“□□□”□[30]□□□2003□2005□□□□□□□□□□□□50%□□□□□□□□□□——□□

□□□□□□□□□□□□□□□□□·□□□

□□
□□□□□

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□1989□□□“□□□”□[31]□□□□□□□□□□□□□□□□□□□□“□□”□□□□□□□□□□□20□□□□□48□□□□□1999□□66□□□

□□□□□□□□

□□·□□□Albert Gore□□2007□□

□□□□□□□□□□□□□□□□□□□□□□□□□21□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□[32]□□□□□□□□□□□Natural Resources Defense Council Action Fund□□□□□□□□□□“□□□□□□□□□□□□□□□□□□□□□□”□□□□□□□□□□□□□□□□□□□□□□□□Climate Security Act□□□

□□[33]□□□

[illegible]

[illegible]

[illegible]“[illegible]”[illegible]17[illegible]18[illegible]

[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]18[illegible]“[illegible]”[illegible]

[illegible]120[illegible]19[illegible]80[illegible]25%[illegible]50%[illegible]20[illegible]——[illegible]——[illegible][34][illegible]·[illegible]18[illegible]

[illegible]18[illegible]·[illegible]James Madison[illegible]“[illegible]”[illegible]——[illegible]——[illegible]

[illegible][35]2008[illegible]1942[illegible]

---

[1] Michael Hirsch，“Mortgages and Madness，” *Newsweek*，June 2，2008.

[2] Robert O’Harrow and Brady Dennis，“Credit Ratings Woes Sent AIG Spiraling，” *Los Angeles Times*，January 2，2009.

[3] “Agency’s’04 Rule Let Banks Pile Up New Debt，and Risk，” *New York Times*，October 3，2008.

[4] Willaim Greider，*One World Ready or Not：The Manic Logic of Global Capitalism*（New York，1996），316，310-11.

[5] Erik Lipton and Stephen Labaton，"A Deregulator Looks Back，Unswayed，" *New York Times*，November 17，2008.

[6] Michael Lewis and David Einhorn，"The End of the Financial World as We Know It，" *New York Times*，January 3，2009.

[7] I am indebted to Erid Zensy for introducing me to Frederick Soddy and his study *Wealth，Virtual Wealth，and Debt*（London，1926）.

[8] Jack Rosenthal，"On Language，" *New York Times Magazine*，September 8，2008:18.

[9] Vikas Bajaj，"If Everyone's Finger Pointing，Who's to Blame？，" *New York Times*，January 22，2008.

[10] Peter Dreier and Kelly Candaele，"Why We Need EFCA，" *American Prospect*，December 2，2008.

[11] Jared Diamond，*Collapse：How Societies Choose to Fail or Succeed*（New York，2005）.

[12] Diana B. Henriques，"Madoff Scheme Kept Shipping Outward，Crossing Borders，" *New York Times*，December 20，2008

[13] Paul Krugman，"A Catastrophe Foretold，" *New York Times*，October 28，2007. Four people—Doris Dungey，Nouriel Roubini，Brooksley Born，and John Bogle—clearly saw what was wrong with the prevailing financial incentives. See Bogle，"The Case of Corporate America Today，" *Daedalus*，136（Summer，2007）.

[14] Alexei Barrionuevo，"Demand for a Say on the Way Out of Crisis，" *New York Times*，November 10，2008.

[15] Thomas L. Friedman，*The World Is Flat：A Brief History of the Twenty-first Century*（New York，2005）；Jeffrey A. Frieden，*Global Capitalism：Its Fall and Rise in the Twentieth Century*（New York，2006 [paperback ed.，2007]），293ff；Robert W. Crandall and Kenneth Ramm（eds.）*Changing the Rules：Technological Change，International Competition，and Regulation in Communications*（Washington，1989），10.

[16] *New York Times*，November 17，2008.

[17] Dick K. Nanto□“The 1997-98 Asian Financial Crisis□” CRS Report for Congress□February 6□1998□www.fas.org/man/crs/crs-asia2□□5.

[18] Claire Berlinski□“What the Free Market Needs□” *Los Angeles Times*□October 21□2008.

[19] “Modern Market Thought Has Devalued a Deadly Sin□” *New York Times*□September 27□2008□Steven Greenhouse and David Leonhardt□“Real Wages Fail to Match a Rise in Productivity□” *New York Times*□August 28□2006.

[20] Tina Rosenberg□“Globalization□” *New York Times*□July 30□2008.

[21] Adam Mckeown□“Global Migration□1840-1940□” *Journal of World History*□15□2004□□156.

[22] Paul Collier□*The Bottom Billion□Why the Poorest Countries Are Failing and What Can Be Done about It*□Oxford□2007□.

[23] Paul Collier□*The Bottom Billion□Why the Poorest Countries Are Failing and What Can Be Done about It*□Oxford□2007□□9□42-45□79-84.

[24] Paul Collier□*The Bottom Billion□Why the Poorest Countries Are Failing and What Can Be Done about It*□Oxford□2007□□185-89.

[25] www.iht.com/articles/ap/2006/12/10/Europe/EU_Gen_Norway.

[26] http□//losangeles.broowaha.com/article.php□id=962.

[27] Mira Kamdar□*Planet India□The Turbulent Rise of the Largest Democracy and the Future of Our World*□New York□2007□□118-19□www.iht.com/articles/ap/2006/12/10/Europe/EU_Gen_Norway.

[28] Amartya Sen□*Development as Freedom*□New York□1999□□204□282-65.

[29] Peter Barnes□*Capitalism 3.0□A Guide to Reclaaiming the Commons*□San Francisco□2006□□65-78□135-52.

[30] Elisabeth Rosenthal□“To Counter Problems of Food□Try Spuds□” *New York Times*□October 25□2008.

[31] Dan Bilefsky□“Oh□Yugoslavia□How They Long for Your Firm Embrace□” *New York Times*□January 30□2008.

[32] Deepak Lal□*Reviving the Invisible Hand□The Case for Classical Liberalism in the Twenty-first Century*□Princeton□2006□□214-19.

[33] Elisabeth Rosenthal□“European Support for Bicycles Promotes Sharing of the Wheels□” *New York Times*□November 10□2008.

[34] Fareed Zakaria□“Is America in Decline□Why the United States Will Survive the Rise of the Rest□” *Foreign Affairs*□87□2008□□26-27□Parag Khanna□“Waving Goodbye to Hegemony□” *New York Times Magazine*□January 27□2008.

[35] Joseph A. Schumpter□*Capitalism□Socialism and Democracy*□3rd ed.□New York□1950□□61.

□□

□□□□□□□□□□□□□□□□□

Abbe□Ernst□207-8

abortion□355□378

Acapulco trade□30

Addams□Jane□217

advanced economies□171-72□267□351

Advancement of Learning□The□Bacon□□141

advertising□224-25□346□347

TV commercials and□307-8

Afghanistan□425

AFL-CIO□411

Africa□7-10□21□115□229-38□350□424

craftsmen in□145

Dutch in□44

empire building in, 229, 233-38, 240, 263, 268, 420

European missionaries to, 230-33, 240

immigrants to, 210

Portuguese in, 8, 10, 30, 34, 35, 124, 237

rubber in, 234, 237, 261

trade in, 8, 10, 34, 43, 66, 124-25, 129, 420

warfare in, 125

African Americans, 135, 182, 263, 320

credit and, 307

in Roaring Twenties, 271

segregation and, 137, 216, 219, 300, 321, 324, 388

unions and, 219, 302, 321

voting rights of, 215

Afrikaners (Boers), 236-37

Agricultural Revolution, 13, 73-86, 137, 392

industrialization and, 85-86

agriculture, 54, 56-86, 194-95, 291, 352, 420

collective farms, 267

description of traditional practices in, 60

effects of enclosures on, 80-82

famines and, *see* famines

Great Depression and, 277

innovation in, 12, 13, 21, 52, 64, 73-84, 116

labor for, 5, 10, 52, 54, 57, 60, 63, 69, 70, 75-76, 80, 86, 138-39, 167, 170, 215, 245, 299, 352, 390, 417

manuals on, 76

population growth and, 5-6, 65-70, 72, 79, 84, 255

specialization and, 209

subsidies for, 367-68, 369

World War I and, 270

see also specific crops

Aid to Families with Dependent Children, 322

airlines, 308, 333, 346

airplanes, 259, 308

air pressure, 143, 144

Akins，James，327

Alabama，133，151，175，176

Alaska Permanent Fund，430

Albert，Prince，166

Albuquerque，Afonso de，29-30，34

Alembert，Jean Le Rond d’，144

Algeria，210，235，285

Allen，Paul，343-44，348

Alliance for Progress，329

Alsace-Lorraine，173，269，296

alternating current，256

Aluminum Corporation of America，239

Aluminum Corporation of China，239

Amazon，234，261，346-47

Ambani，Mukesh D.，395

Amboina，45

American Federation of Labor（AFL），219，220，221，225-26，302

American International Group（AIG），402，403

American Revolution，53，113，161-62，168，174，189，363

Amsterdam，32，42，46，52，173，188，292

anarchists，212-13，214，220，221

Angola，286

Anhui Province，376

antibiotics，316

anticommunism，286，303-4，338，353

anti-Semitism，173，211，280，283，292

antisubmarine programs，283

antitrust policies，U.S.，218，263，319，341，356

Antwerp，42，129，188

Apple，342-45，349

Arabian Peninsula，oil in，262，326

Arabs，27，34，59，134，145，285，326

slaves of，124，232

sugar growing of，126

trade of，12-13，28

Arawaks，29

architecture，145，246，257，301，308

Arendt，Hannah，241

Argentina，135，194，196，210，214，302，333，351，352，414

aristocracy，169，198，417

consumer culture vs.，223

as contemptuous of commerce，32-33，35-36，46，88

diet of，64

Dutch，45

English，46-47，55，76，78，93，97，103，109，160

French，47，51，113

German，171，186，194，199，214

Japanese（samurai），243，244，245

Portuguese，13，29-30，47

Spanish，13，30，35-36，46，47，97

Aristotle，142，143

Arkwright, Richard, 122, 150

ARPANET, 345

Articles of Confederation, 162

artisans, 50, 59, 60, 97, 103, 243

in Netherlands, 44, 46

artists, art, 50, 235, 246, 328

Christian, 28

Dutch, 44, 181

Asia, 7-9, 14, 27, 33, 36, 54, 124, 134, 299, 350, 415

economic arrival of, 398-99

European empire building in, 229-30, 263, 269

financial crisis in (1997), 356, 380, 401, 405

asiento, 126, 130

assembly line, 211, 257-58, 261, 266, 340

Aswan Dam, 315

AT&T (American Telephone and Telegraph Company), 314, 319, 324, 341

Atatürk, Mustafa Kemal, 269

Atlantic Ocean，8，10，27，31，39，43，64，130，137，239，366，420

Spanish treasure fleets in，30，37，42

World War Ⅱ and，282

atomic bomb，285，304，313

Australia，164，195，296，353，398

immigration to，209，210，282，299

Austria，84，123，165，168，169，172，173，270

Nazi seizure of，280

Austria-Hungary，183，265-68，270

authority，111，114-15，143，174，413

weakening of，79，93，169

automobiles，222，250，257-61，352，421

cost of，258

credit for，306

electric，393，433

gasoline for，204，260，261

in Germany，199，257，258，298，299

in Japan，272，335，337，339-41

rubber for，238，261

strikes and，321

in U.S.，222，250，257-61，337，340，341，359，410-11，414

World War Ⅱ and，298-99

Aztec，28，30，46，100，133，145

B-2 Northrup Grumman “stealth bombers，” 313

B-24 Consolidated “Liberator，” 284

B-29 Boeing “Superfortress，” 281

backward economies，171-72，173，267，293，350

Bacon，Francis，97，141-42

balanced budgets，276-77，278

balance of trade theory，96，103，104，106

Balkans，84，172，432

Baltic countries，42，64，72，84，312

Bangladesh，285，389，392，426-27

Bank of Amsterdam，42

Bank of China, 375

Bank of England, 92, 111-12, 113, 188, 275

Bank of France, 188

Bank of the United States, 189

bankruptcy, 192, 275, 356, 410, 416

banks, 186-90, 318, 346, 413

Great Depression and, 274-75, 276

investment, 333, 403, 404, 405-6, 408

moral hazard and, 416

poverty and, 426-27

see also specific countries

Barbados, 128, 130, 131

Barnes, Peter, 425, 429-30

Batavia, 45

Beijing:

June Fourth Incident in (1989), 372, 379

Olympics in, 365, 383-84

Belgian Congo, 235

Belgium, Belgians, 46, 165, 168, 172, 182, 185, 254, 296

currency of, 195

empire building of, 229, 233-35, 240, 285

Great Depression in, 277

guest workers in, 299-300

independence of, 42, 53

industrialization of, 40, 53, 146, 165, 212, 233

in World War Ⅱ, 280, 285

Bell, Alexander Graham, 255, 256

Bell Laboratories, 314

Bello, Walden, 425, 430, 431

Bentonville, Ark., 358

Benz, Karl, 257, 261, 298

Berkeley, William, 131

Berkman, Alexander, 220

Berlin Conference (1884-1885), 240, 272

Berlin Wall□304

Berners-Lee□Tim□346

Bezos□Jeff□346

Bible□58-59□82□98□104□159

bicycles□238□433

Bill of Rights□English□1689□□92

Bill of Rights□U.S.□324

biology□

epigenetics in□22

microscopes and□207

Birmingham□145□147

birth control□23□324□360-61□428-29

Bismarck□Otto von□173□213-14

Blackbeard□Edward Teach□□38

Black Death□66□71□84□418

blacks□*see* African Americans□slaves□slavery□slave trade

Blake□William□152

blood, 316

Boers (Afrikaners), 236-37

Bollywood, 395

Bombay, *see* Mumbai

bonuses, 405, 406

bookkeeping, 55, 69-70

books, 93, 369

trade in, 46, 55

Borlaug, Norman, 391

Boulton, Matthew, 147

Boyle, Robert, 97, 142, 143

Brahmins, 388, 395

brain drain, 391

brand names, 224

Braun, Wernher von, 311-12

Brazil, 30, 49, 334, 374, 398, 424

abolition of slavery in, 124, 135, 136

Dutch in, 44

education in, 379

at G20 meetings, 414, 415

Great Depression and, 276

immigration to, 210

labor activists in, 214

rubber in, 237, 261

sugar in, 31, 63, 121, 127, 130

World Trade Organization and, 368, 369

brazilwood, 127, 151

bread, 57, 64

Bretton Woods Conference (1944), 291-92, 325, 367, 412

bribery, 193, 198, 375, 383, 425

BRICs, 398, 424

see also Brazil, China, India, Russia

Brin, Sergey, 347

Bryan, William Jennings, 190, 196

Bubble Act, 192

Buffett, Warren, 427

Buick, 259, 261

building trade, 257

Bulgaria, 270, 290, 385

bureaucracy, 249, 252, 253, 370

Bureau of Reclamation, U.S., 279

Burke, Edmund, 91, 93

Burma, 282, 285, 381

Buru Quartet (Pramoedya), 247

Bush, George, 415

business:

small, 252, 302

see also corporations, entrepreneurs, firms, *specific businesses*

Cadillac, 259

Cailliau, Robert, 346

Calcutta, 39, 381, 394

calendars, 245

California, 151, 196, 239, 243, 326

agriculture in, 178

education in, 310, 311

gold rush in, 189, 202

immigrants in, 189, 210

Silicon Valley in, 330, 334, 348, 412

Sony plant in, 342

California, University of, 310, 311

call centers, 390

cameras, 207

Canada, 164, 165, 210, 293, 296, 302, 326, 413, 414

canals, 150, 172, 176, 177

Cancún round of trade negotiations, 368

Cape Town, 236

capital, 12, 13, 24, 69, 118, 178, 322, 329, 368

accumulation of, 15, 16, 229

bank role and, 186-87, 190

in China, 366

cultural, 16

defined, 6-7

economic choices and, 229

human, 301

investment, 123, 173, 191, 193, 350, 380-84

in Japan, 336, 337

patient, 380

poverty and, 425-26

capitalism,

attitudes and skills required for, 54

closing thoughts about, 433-36

contemporary, critics of, 422-24

as cultural system, 4, 20-26, 119-20

debating the origins of, 212-13

definition of, 25-26

distinctions of, 6-10

eighteenth-century, two faces of, 121-62

as juggernaut, 286

personal choice and, 360-64

puzzle of, 3-26

recapitulation of history of, 417-22

social ills ascribed to, 23-24

start of, 118-19

weaknesses of, 290-91

see also specific topics

Capitalism 3.0 (Barnes), 430

Captain Swing demonstrations, 153

Caribbean, 61-64, 133, 137, 239, 420

British soldiers in, 136

Columbus's voyages to, 27, 30, 62, 127

emigration from, 299, 325

privateers and pirates in, 37, 38

sugar in，63，64，121，125，127，130，161，230

Carnegie，Andrew，201-6，220，248，357

Carnegie Commission on Higher Education，311

Carnegie Steel Company，203，253

Carson，Rachel，328

Cartagena，126，128

cartels，252-53，254，272，341

Cartwright，Edmund，150

caste system，388-89，395，397，398

cathedrals，European，6，16

Catherine Ⅱ（the Great），Empress of Russia，149

Catholicism，17，30，35，42，45，98，117，135，218

science and，13，144

cattle，61，368

CD-ROM（compact disc read-only memory），349

cement，260，276

censorship，92，93，156，383

Central African Republic，58

Central America，133，202，299

Central Europe，55，169

central planning，290，291，375

Cervantes，Miguel de，36，37

Ceylon，34，285

“challenge and response” formula，11

change，329，419，425

in agriculture，71，79

by authority，115

culture and，88

for each generation in China，370-72

economic，15-18

fashion and，103

public receptivity to，14

resistance to，6，35

of work habits，104

see also innovation

Chappe, Claude, 183-84

Chappe, Ignace, 183-84

charcoal, 140

charity, 99, 275

Charles V, King of Spain, 35

chemistry, 167, 199, 208, 254, 255, 309, 314, 419

Chesapeake settlements, 37, 48

Chiang Kai-shek, 282

chief executive officers (CEOs), 249, 323, 405, 410

salaries of, 411, 414

childbirth, 182, 355, 361

children, 302, 383, 416, 429

consumption and, 223, 224

entertainment for, 358

nutrition of, 363, 392

sex ratio of, 355, 378

see also fertility rates, pregnancies

Chile, 208, 276, 369

China, 27, 34, 49, 66, 93, 133, 322, 335, 360, 365-85, 387-94, 396-99, 413, 423, 424, 425, 431

agriculture in, 368, 371, 375-76, 377, 431

automobiles in, 374, 382

banks in, 368, 375, 380, 397

British relations with, 229-30, 235

calendar and, 245

communism in, 282, 338, 354, 366, 371-72, 396-97, *see also* Communist Party, Chinese

corruption in, 383

cotton in, 151, 165

Cultural Revolution in, 371

dependency rate in, 378

dramatic change for each generation in, 370-72

dual-track system in, 375

economic zones in, 374-75

education in, 379, 390-91, 397

emigrants from, 189, 210, 218, 219, 380, 424

explorations of, 8, 9, 115

at G20 meetings, 414, 415

Great Leap Forward in, 371

Hong Kong returned to, 286, 354, 375

India compared with, 387-88, 390-91, 393, 394, 397-98

India's relations with, 381

industrialization in, 372, 376

investment capital in, 380-84

irrigation in, 72

Japan compared with, 339

Japan's relations with, 245, 246, 247, 282, 381

China (*continued*)

Korea's relations with, 245

marriage in, 69

migrants in, 377

Olympics in, 365

one-child policy in, 378, 394

population growth in, 45, 54, 72

porcelain of, 148, 149

press coverage of, 383

revolution in, 247

Russia compared with, 385

savings in, 380, 382, 394, 401

science in, 9, 145

sex ratio in, 355, 378

silver standard in, 54

steel in, 334, 371

textile industry of, 368

Township and Village Enterprise in, 376

trade of, 9, 12-13, 45, 349, 381-82, 397

Walmart’s imports from, 359

World Trade Organization and, 367-70, 398

Chittagong University, 426

Christianity, 49-50, 91, 159

commercial law and, 12

evangelical imperative of, 9

feast days and, 75, 105-6

missionaries, 230-33, 240

see also specific sects

Chrysler, 340, 410-11

Chung Ju-yung, 352

Churchill, Winston, 47, 303, 304, 315

Church of England, 117, 155

Cities of Salt (Munif), 262

Civilian Conservation Corps (CCC), 279

civil war, 39-42, 425

in England, 15, 39, 40-41, 51, 92, 117

Civil War, U.S., 136, 151, 162, 178, 203, 232, 266

cotton shortage and, 235

paying for，189-90

U.S. unification and，196

Clarke，Olive Cleaveland，181

Clay，Henry，184

Clemenceau，Georges，296

clerical workers，323-24，390

Clinton，Bill，403

clothiers，95-96，103，139，152-53，379，386

clover，73，74，77

coal，24，26，53，335

in England，51，74，133-34，139，140-41，146，152

in Germany，171，183，194

in U.S.，168，182

Cobbett，William，428

cochineal，151

cocoa，133，420

coffee，10，49，133，140，276

coke, 146

Colbert, Jean-Baptiste, 114

Cold War, 286, 303-5, 311, 321, 338, 350

China and, 372

Collapse (Diamond), 412

collective farms, 267, 376, 377

college education, 300, 309-11

Collier, Paul, 424-25

coltan, 238

Columbian exchange, 28-29

Columbus, Christopher, 8, 27, 28, 30, 62, 125

command economies, 267, 284, 290, 366, 384, 389, 431

"commercial capitalism," 54

commercials, TV, 307-8

Committee of European Economic Cooperation, 293, 295-96

common law, 193, 216, 253

Common Market (European Economic Community), 296-97, 393

commons, the, 430

Common Sense (Paine), 19, 157, 159

communism, 213, 286, 290, 293, 321

in China, 282, 338, 354, 366, 371-72, 396-97, *see also* Communist Party, Chinese

containment of, 303

Vietnam War and, 286

see also Soviet Union

Communist Party, Chinese, 366, 371, 372, 374, 375, 379-80, 382-83, 387-88, 389, 397

Compaq, 345, 349

competition, 26, 172, 176, 215, 252, 254, 319, 341, 409, 431-32, 435

agriculture and, 367

automobiles and, 259

Cold War, 311

in computer industry, 345

cooperation vs., 297

Friedman on, 332, 333

in oil industry, 248-49, 261-62

shrinking of, 201, 250, 253, 272

warfare and, 124, 421

computers, 313-14, 317-20, 354, 362, 422

anxiety about, 364

Walmart’s use of, 357, 358

computers, personal (PCs), 342-50

Conan Doyle, Sir Arthur, 234-35

concentration camps, 208, 285, 298, 299

Concert of Europe, 169

Congo, 237, 238

Congo Free State, 233-35, 261

Congo River, 232, 234

Congress, U.S., 177, 184, 219, 239, 301, 313, 367, 422

banks and, 189

bribing of, 193
Cold War and, 311, 314
corporations and, 217, 263
labor issues and, 301, 411
League of Nations and, 270, 291
Marshall Plan and, 293
Native Americans and, 196
New Deal and, 278, 279
tariffs and, 203
Congress of Industrial Organizations (CIO), 221, 302
Congress of Vienna, 169
Congress Party, Indian, 389
Connecticut Valley, 327
Conover, Lloyd, 316
Conrad, Joseph, 234-35
Conservative Party, British, 215
Constitution, U.S., 168, 174, 175, 176, 363, 435

First Amendment to, 302
Fourteenth Amendment to, 162, 215
Sixteenth Amendment to, 215
constitutions:
British, 159
Indian, 388, 396
Japanese, 244, 246, 337-38
consumers, consumption, 33, 49, 246, 335, 394, 415
agricultural, 66
in China, 382, 397
in England, 96, 102-7
Great Depression and, 275
importance of, 221-27, 420
in India, 393, 394-95, 397
luxury, 71, 104
mass, 258
of oil, 326, 327

postwar，306-7

of tobacco，48，131

Coolidge，Calvin，197

Cooper，James Fenimore，124

cooperation，295-98，304-5，362，412，414

copper，238-39

corn（maize），60，62，277，367，391

corporations，187，191-94，211，215-18，221，289，317，323

agricultural，209

Barnes on，430

family vs. impersonal，250，254

mergers of，250，262，263

military-industrial complex and，314-15

multinational，334，351，369，370，423

restructuring of，247-55

small business vs.，252

stock of，189

taxes of, 300

white-collar jobs in, 223

World War I and, 265

see also firms, *specific corporations*

corporatist economy, 295, 341

corruption, 383, 435

Cortés, Hernando, 30

Costco, 359

cottagers, 76, 80, 81, 139

cotton, 3, 150-51, 178, 181, 190, 277, 336, 367

in American South, 132-33, 161, 162, 175

of India, 87, 103-4, 106, 140, 151, 386

Japan’s export of, 244

shortage of, 235

cotton gin, 132-33, 151, 168, 175

cotton spindles, 165

Council of the Indies, 127-28

craft unions，214，215，216，219

creative destruction，183，263，330，363，422

credit，42，98，277，394，427

in U.S.，176，190，306，307，404-5

credit cards，306

credit default swaps（CDS），403，409

Crédit Mobilier，188，193

credit rating agencies，407，408

cricket，395

Crompton，Samuel，150-51

Crosby，Alfred，11-12

Crystal Palace Exhibition，166，167

Cuba，30，126，130，135，137，369，431

immigration to，210

independence of，239

Cugnot，Nicholas Joseph，257

cultural capital，16

Cultural Revolution, Chinese, 371

cultural superiority, attitudes of, 262, 263-64, 281

culture, 22, 195

of capitalism, 4, 20-26, 119-20

change and, 88

English, 165

of everyday life, 118

globalization and, 360

Curaçao, 128, 262, 325

currency, 306

Bretton Woods system and, 292, 325

English crisis of, 107-11

exchange rates for, *see* exchange rates

Great Depression and, 275-76, 277

of West Germany, 294

see also dollar, U.S., money

Czechoslovakia, 270, 280, 290

Czech Republic□385

Czolgosz□Leon□220

da Gama□Vasco□28

Daimler□Gottlieb□257□261

Daimler Motors□298

Dalai Lama□381

dams□315

Darby□Abraham□146

Darwin□Charles□68

death rate□decline in□211

De Beers Mining Company□237

Debs□Eugene V.□219

debt□277□356□398□407

personal□333□366

World War I and□267□270□276

Declaration of Independence□U.S.□157□162□434

Defense Department□U.S.□313□314□315□318□345

Defoe, Daniel, 43, 90, 109

de la Roque, Jean, 49

De Leon, Daniel, 219

Dell, 345, 349

Dell, Michael, 343

Deming, William Edwards, 338

democracy, 359, 362-63, 384, 411, 433-34

in Four Little Tigers, 352, 353

in India, 366, 387, 389, 397

in Japan, 337-38, 352

thin vs. living, 431

Democracy in America (Tocqueville), 180-81

Democratic Party, Japanese, 339

Democratic Party, U.S., 196, 333, 369, 405

Deng Xiaoping, 372, 374-79, 383

Denmark, 10, 128, 240

trade of, 8, 31

wars of, 173, 184, 280

department stores, 222, 306

dependency theory, 351, 352, 366

depression, economic, 95, 96, 248

of 1873, 194-96, 202, 206, 252

see also Great Depression

Derby, Elias Hasket, 180

deregulation, 333, 403

derivative securities, 400, 404, 409

derogation, concept of, 47

De Soto, Hernando, 425, 429, 431

developing countries, 368, 369, 370, 414

see also specific countries

Diamond, Jared, 11, 241, 412

diamonds, 237, 425

Dias, Bartolomeu, 8, 28

Dickens, Charles, 369

Dickinson，Levi，179

Diderot，Denis，144

direct current，256

disease，28，65，67，211，267，361，421

in Africa，230，231

bacterial，316

Black Death，66，71，84，418

in India，391

Native Americans’vulnerability to，29，125

DNA，361-62

Doha round of trade negotiations，367-69，398

dollar，U.S.，179，195，197，270，276，292，306，307

Japan’s attachment to，339

plunge in value of，325，331

Don Quixote，36

Drake，Sir Francis，37，38

Drew，Charles，316

drugs，133，229，316，361

Dubai，392，424

Dunlop，John，238

du Pont，Eleuthère Irénée，241

du Pont，Pierre，251

DuPont Company，249，251

Durant，William，259

Dutch East India Company，44，45，52，236

Dutch East Indies，World War Ⅱ and，282，285

Dutch West India Company，44，128

DVDs，345，368

dyes，127，151，254，255

East Asian NICs（newly industrialized countries），*see* Four Little Tigers

Eastern Europe，7，126，184，211，303，366，390，431

agriculture in，209，270

postwar，286，287，293

serfs in，71

shock without therapy in，384-85

East Germany，294，304，354

East Indies，8，21，61

trade in，3，27，28，29，31，34，38-39，54，63，415，417

World War Ⅱ and，282，283

ecology，315

economic development，169，198，212，306，418，428

in China，366-67，373-74，379-83，389，399

consumption and，104，105

food prices as limit on，70-72

in Four Little Tigers，350，352-55

in Germany，167，170-74，185，199

in India，366-67，394，399

of Japan，335

slavery and，136

Smith on，212-95

in U.S.，174-81，189，199

economic man，332

economic reasoning，100

economics，

change and analysis in，15-18

as profession，118

economies of agglomeration，146

Edison，Thomas Alva，255-56

education，9，214，243，249，379，438

in China，379，390-91，397

engineering，185，254

in Germany，254，255

in India，379，391，392

in U.S.，300，309-11，313，322

Egypt，34，151，196，326，429

nationalism in，236，268

Egypt，ancient，124

Eisenhower，Dwight，314，414

elasticity of demand，103-4，106

electrical engineering，254-55

electrical equipment，223，254，255

electricity，4，167，199，207，227，254-57，307，335，419，421

automobiles and，393，433

dams and，315

transistor and，330

electronics，298，307，314，319

in the Four Little Tigers，354

in Japan，342，345，349

Walmart’s use of，358

elevators，257

Elizabeth I，Queen of England，35，37，99

Ellis Island，210，211

e-mail，347，349

embargoes，282，327

empire building，228-30，233-42

Berlin Conference and, 240, 271

empiricism, 97

Employee Free Choice Act (EFCA), 411

employers, 419, 420

employment,

full or near-full, 331

government, 278, 279

lifetime, 341

enclosures, 80-82, 89

encomiendas, 31

encyclopedia, 144

energy, 74, 122, 147

see also coal, fossil fuels, oil, waterpower Energy Department, U.S., 361

engineering, engineers, 185, 309, 313, 318, 319, 330, 342, 379

electrical, 254-55

in India, 386, 391

engineering schools, 185, 254

engines, 122

internal-combustion, 257, 261

steam, 4, 33, 144-48, 150, 165

England, 7-16, 37-43, 74-118, 128-69, 242, 362, 417-18

advanced vs. backward economies and, 171, 172

agriculture in, 12, 15, 57, 61, 68, 71, 74-85, 114-15, 138-39, 143, 170, 195, 245, 352, 392, 417

author in, 20

banks in, 92, 111-12, 113, 173, 188, 275

canal building in, 150

civil war in, 15, 39, 40-41, 51, 92, 117

clothiers in, 95-96, 103, 139, 152-53, 379, 386

copying of, 21, 120

currency crisis in, 107-11

Dutch as model for, 99-101

enclosures in, 80-82, 89

Enlightenment in, 156-59

horses in，67，74

immigration to，299

in India，39，45，103，164，281，326，385-89，391，396

industrialization in，74，104，137-41，145-56，163-66，187-88，215，417，418

law in，47，57，82，106，115，117，118，153，154，192，193，253

mercantilism in，96-97，101，103，104，106，107，116

monopolies granted in，40，41，51

navy of，51，113，132，137

new economic discourse in，89-94，96，102

in New World，9，10，37，39，48，50，63，79，117，128-38，140

plain features of，11

Poor Laws in，82，154

population growth in，84，139，165

pottery making in，148-50

privateers and pirates of，37-39

risk management in, 187

scientific revolution in, 141-45

slave trade of, 121, 124, 126, 129-30

textile industry in, 150-53, 160, 165, 175, 182, 198, 336

textiles imported by, 87, 103-6

trade of, 28, 31, 34, 35, 38-41, 45-48, 50-51, 64, 95-96, 105, 112, 113, 123, 124, 138, 139, 164, 305

as trailblazer, 10-15

trust in, 118

villages abandoned in, 66

wars of, 37, 52, 111, 113, 123-24, 208, 265-68, 270

English East India Company, 39, 87, 94, 96-97, 102-6, 229, 386

engravings, 29

ENIAC, 313

Enlightenment, 144, 156-62, 169, 241, 328, 434

entertainment, 256, 271, 307, 358, 360, 365

in India, 395

entrepreneurs, 115-16, 134, 198-208, 295, 335

black, 216

British, 192, 198

French, 129

German, 200-202, 206-8

kings and statesmen as, 229, 233-35

risk taking of, 248

U.S., 192, 199-206, 216, 317

environment, 333

damage to, 315, 328, 330, 339, 392, 422, 423, 432

protection of, 370

environmentalists, 315, 328

epigenetics, 22

equality, 134-35, 169, 241, 434

Equal Pay Act (1963), 324

espionage, industrial, 164-65, 228

Essar Group, 393

Essay on Population（Malthus），67-68

Estates-General，156

Ethiopia，49，126，236，273

Europe，27，54，303，334，363，381，394，413

consumer culture in，223

labor activists in，213-15

population growth in，211

Europe，Western，7-17，21，287，303，304，375，378，387，418

Asia compared with，14

corporatist economy in，295，341

Great Divergence in，12-15

IWA in，213

Japan compared with，335

postwar，293-300，325，329，350，421

quantitative understanding in，12

trade dominated by，34-39

European Coal and Steel Community（ECSC），296

European Economic Community（Common Market），296-97，393

European Organization for Nuclear Research，346

European Payment Union，296，306

European Recovery Program，293

European Union，297，367-70，385，398

exchange rates，90，96，375

fixed，195，196

floating，325-26，331，375

exploitation，10，23-24，133，135，229，351

in China，397

labor，370

oil and，262

see also slaves，slavery，slave trade

exploration，8-10，13，21，30，36，54，61

by China，8，9，115

Explorer I，309，310

Fabian Society，215

factories, 420

appearance of, 148-50, 152-55

assembly lines in, 211, 257-58, 261, 266

environmental effects of, 333

failed states, 424-25

famines, 5-6, 23, 28, 56-59, 67, 71, 431

in Asia, 45, 371, 426, 428, 431

in Europe, 6, 51, 56, 57, 62, 66, 69, 83, 85, 153, 418

present-day, 58, 86

Farnsworth, Philo, 307

fascism, 272-73, 280, 293

Federal Aviation Administration, 308

Federal Highways Acts, 301

Federalists, 176

Federal Reserve, 325, 332

Federal Reserve Banks, 190, 404-5, 410

Federal Steel, 253

fertility rates, 23, 209, 211, 271, 325, 361, 378, 391

fertilizer, 73, 74, 208, 392

financial services, dominance of, 413

firms, 248-54, 301, 362

bureaucracy and, 249, 252

as defense contractors, 284

in Japan, 272, 341

use of term, 248

First World, 350-51, 423

Fleming, Alexander, 316

Florence, 4-5, 32

flyboats, 43, 52, 100

Focus on the Global South, 431

food, 3, 56-86, 94, 105, 113-14, 153, 209, 291

New World, 27, 28-29, 54, 60-64

preservation of, 42, 56, 60, 63, 130

spices and, 28

U.S. production of, 174, 177

see also agriculture, *specific foods*

Food First, 430-31

food prices, 51, 57, 64, 65, 69-72, 79, 82, 84, 116, 182, 368, 369, 417, 431

economic development limited by, 70-72

in France, 85

grain, 70, 71, 72, 77, 194-95, 209, 431

India and, 392, 393

Ford, Henry, 257-59, 319, 357, 411

Model A and T of, 258-59, 261, 337

Ford dealerships, 258-59

Ford Foundation, 391-92

Fordism, 258

Ford Motor Company, 257-59, 284, 298, 337, 340, 393, 410, 411

Forest Service, U.S., 279

fossil fuels, 123, 140-41, 147, 208, 264, 422

see also coal，oil

Four Little Tigers，334，350，352-56，366，369

see also Hong Kong，Singapore，South Korea，Taiwan

France，49-52，172，182，193，199，358，412，414，424，433

agriculture in，51，52，84-85，114-15，129，195

automobiles in，257，258，298

banks in，112，173，188

British rivalry with，138

colonial wars of，285，286

commercial capitalism and，54

computers in，344-45

copying England and，21，120

currency of，195

emigrants from，189，210

empire building and，229，234，235，236，240，242，245，268，285，420

Enlightenment in，144，156-57

in German occupation, 294
Great Depression in, 277
guest workers in, 299-300
indicative path and, 289
industrial espionage of, 165
industrialization in, 51, 52, 144, 146, 212, 418
in New World, 9, 10, 50, 63, 112, 128-29, 136, 235
physiocracy in, 114-15
population growth in, 79, 80, 84
postwar, 289, 290, 296, 299-300, 325
pottery making in, 148
privateers and pirates of, 37, 38-39
railroads in, 183, 185
science in, 142
single mothers in, 361
slavery abolished by, 136
slave trade of, 121, 129

socialists in，289

syndicalists in，212

taxes in，51，85，112-15

trade of，8，28，31，34，35，38-39，47，49，64，85，123，124，138，305

transportation problems in，51，84，129，173，305

wars of，52，111，123-24，168-69，173

World Trade Organization and，370

World War I and，265-70，276，296

World War Ⅱ and，280，281，283，285，316

Franco，Francisco，293

Franco-Prussian War（1870-1871），173，196，235，266，269

Frank，Andrew Gunder，351

Frank，Barney，414

Franklin，Benjamin，144

freedom，160，161-62，278，304，418，429

of expression，93

political，420

sexual，260，361

free enterprise，24-25，122，131，176，194，246，267，291

democracy and，366

ethic of pleasure and，416

optimism and，273

freeholders，yeomen，，57，71，76，82

free trade，107，164，169，176，254，270，305，367，368

French East India Company，49

French Revolution，52，67，156-57，168，169，174，241，434

Frick，Henry Clay，220

Friedman，Milton，332-33，351

Friedman，Rose，332

Friedman，Thomas，415

Fujitsu，349

G7 countries，414

G20 countries，414-15

Gabilondo，Iñaki，94

Galileo Galilei，97，141，142，143

Gandhi，Mahatma，387，396，397，398

gasoline，204，260，261，326

gas stations，260

Gates，Bill，202，203，343-44，348，427

genenomics，362

General Agreement of Tariffs and Trade（GATT），292，367

General Electric，342，409

General Motors（GM），250，251，259，284，298，321，337，340，341，414

decline of，410-11

in India，393

Genoa，8，32，292

Georgia，151，175

Germany，Germans，120，167-74，198-202，286，335，414，415，424

agriculture in，164，170-71，208，255，292

Allied occupation of, 294

automobiles in, 199, 257, 258, 298, 299

banks in, 173, 186, 187-88

computers in, 344-45

corporations in, 193-94, 252-55

currency of, 195

depression in, 196

economic development in, 167, 170-74, 185, 199

education in, 214, 254, 255

emigrants from, 174, 210, 211

empire building and, 229, 234-37, 240, 268, 420

Great Britain compared with, 199, 248, 255

Great Depression in, 277, 298

hyperinflation in, 270

industrial espionage of, 165

industrialization in, 146, 164, 165, 173, 199, 212, 215, 255, 265-66, 418

labor activists in, 213-14

leviathans of industry in, 200-202, 206-8

nationalism in, 168-73, 185, 199

Nazi, *see* Nazis

population growth in, 65, 80, 84, 255

postwar, 290, 292, 294, 295, 325

Río Tinto mines and, 238-39

science in, 63, 142, 207, 208, 311-13, 315-16

technology in, 182-85

trade of, 138

transportation in, 172-73, 183, 185, 194, 199

U.S. compared with, 167-68, 172, 181, 198, 213, 255

wars of, 65, 172, 173, 184, 208, 255, 276

in World War I, 265-70, 276, 283

in World War II, 280-81, 283-85

GI Bill, 300, 303, 310

Gilbert, W.S., 246

Gilded Era, 202, 217

Glass-Steagall Act（1933），402

globalization（global economy），4，7，23，194，415，423，435

China and，335，382，383，425

Great Depression and，273

India and，335，387，425

recession of 2008-2009 and，400，407，413

supranationalism and，370

U.S. labor and，360

global warming，432

God，17，18，58，125，184-85，220

Goddard，Robert，311-12

Goebbels，Joseph，312

gold，45，48，63，71，131，270

of England，102-3

of Portugal，8，34

of Spain，27，28，30，37，38，100

of U.S.，168，189，203

value of, 107-10, 195

Golden Rule, 99

Goldman, Emma, 220

Goldman Sachs, 408

gold standard, 189, 195, 196, 267

demise of, 275-76, 325

Gompers, Samuel, 219, 225-26

Good Hope, Cape of, 8, 28, 29, 44, 49

Good Housekeeping, 224

Goodyear, Charles, 238

Google, 347, 383

Gore, Albert, 432

government, 14, 288-89, 297, 331-33

agricultural improvement and, 76

in communism, 213

creation of, 109

Friedman on, 332, 333

government (*continued*)

Keynes on, 277, 278, 331-33

Locke on, 109, 110

poverty and, 429

government regulation, 24, 55, 59, 216-17, 263, 333, 401, 409

Graduate, The (movie), 309

grain, 5, 15, 57-60, 62, 64, 65-66, 70-75, 81, 84, 181

Dutch shipping of, 42, 43

in France, 51, 84, 85, 115

India’s importing of, 392-93

price of, 70, 71, 72, 77, 194-95, 209, 431

see also rice, wheat

Grameen Bank, 426-27, 431

Gramm-Leach-Bliley Financial Service Modernization Act (1999), 403, 409

gravity, Newton’s work on, 97, 101, 122, 142-43

Great Britain，113，122，182-85，198，200，207，335，412，414

automobiles in，258

banks in，390

computers in，344-45

in Concert of Europe，169

constitution of，159

corporations in，192

emigrants from，189，210

empire building and，229-30，234-37，240，268，285，286，354，385-87，420

free trade policy of，164，254

Friedman’s influence in，332

in German occupation，294，298

Germany compared with，199，248，255

gold standard in，195

Great Depression in，275-76，277

in Hong Kong，230，235，245

indicative path and 289

Industrial Revolution in 137-41 145-56 163-67 187-88 212 215

Japan compared with 336 338

Japan’s relations with 242 245

labor activists in 213 214

oil industry of 262

postwar 289 290 299 325

radios in 271

Río Tinto mines and 238-39

rubber plantations of 261

slavery abolished by 136 137

socialists in 289

U.S. compared with 167 199 248

use of term 91

wealth in 91

World War I and 265-68 270 276

World War Ⅱ and 279 280-83 285

see also England, Scotland

Great Depression, 253, 273-80, 283, 298, 301, 302, 318, 331, 367, 402, 414, 421

causes of, 274, 279

New Deal and, 278-79

weaknesses of capitalism exposed by, 290-91

Great Divergence, 12-15

Greater Antilles, 125-26

Greater East Asia Co-Prosperity Sphere, 281, 282, 337

Great Leap Forward, 371

Greece, 295, 424

emigration from, 210, 211

guest workers from, 299-300

Truman Doctrine and, 303

Greece, ancient, 124, 159

greed, 23, 408-9, 422

Greenland, 240

Green Revolution, 392, 432-33

Greenspan, Alan, 408, 422

G-type automatic loom, 336

Guangzhou, 375

guest workers, 299-300, 325

guilds, 36, 42, 55, 59, 171

guns, 234, 237

gutta-percha, 207

Haber, Fritz, 208

Haiti, 130, 133

Hamilton, Alexander, 174, 176

Hapsburg Empire, 39-40, 42, 45

Harding, Chester, 181

Hargreaves, James, 150

Harrington, Michael, 328

Haymarket Square riot, 218-19

Haywood, Big Bill, 219

health, health care, 211, 315-16, 321, 392, 411, 421

in China，378，397

hedge funds，400，405，407，408，409

Helsinki Accord，286，361

Hemings，Elizabeth，175

Henry the Navigator，Prince，8，10

Henry Ⅷ，King of England，99

herring，42，43，52，64，73，99，128

Hershey Company，415

Hill，Joe，219

Hinduism，Hindus，286，396

caste system and，388-89，395，397

Hitachi，342，349

Hitler，Adolf，258，280，281，290，292，298，299

Hobbes，Thomas，19

Ho Chi Minh，268

Hohenzollern dynasty，173

Holland，*see* Amsterdam，Netherlands

Holy Roman Empire，168-69，171

Home Depot，359

Honda，339-40，393，410

Hong Kong，282，334-35，350，352-55，358，380，384，402

British in，230，235，245，286，354，375

Hoover，Herbert，275

Hoovervilles，275

horse power，147

horses，61，67，74，147

House of Commons，English，47，117，130，156

House of Lords，English，117

houses，housing，301，302，306，324，333，404，433

price of，400，405，407，408，410

see also mortgages

Hu Jintao，415

Human Genome Project，361-62

human nature，4，17，91，102，107，362-63，420

definitions of, 19

Smith’s opinions about, 19-20

human rights, 161, 216, 361, 396, 420

Hume, David, 112

Hungary, 84, 173, 210, 270, 290, 385

hydrogen bomb, 304

hyphenated Americans, 212, 221

Hyundai, 352

IBM (International Business Machines), 315, 317-20, 341, 415-16

personal computers and, 343-45, 349, 350

Iceland, 402

ICICI, 427

Illinois, University of, 346

immigration, immigrants, 86, 174, 209-12, 215, 282, 299, 320, 419-20, 423

to California, 189, 210

illegal, 219, 323

quotas for, 221
remittances sent home by, 325, 392, 424
unions and, 218, 221, 302
U.S. living conditions of, 217, 218
to Western Europe, 299
imperative path, 289, 290
import substitution, 276, 351, 353
Inca, 28, 30, 46, 100, 145
income, 84, 85, 330, 335, 352, 367, 374, 422
agricultural, 78, 392
disposable, 71, 360
fixed, 332
see also wages
income tax, 263, 300, 322
Inconvenient Truth, An (movie), 432
incorporation:
benefits of, 191-94

as shared asset, 430

see also corporations

indentured servants, 50, 128, 131

India, 21, 49, 207, 235, 237, 335, 366-70, 385-99, 414, 423, 425, 431

abortion in, 355

agriculture in, 368, 390-93

automobiles in, 393

banks in, 394, 413, 427

as BRIC, 398, 424

call centers in, 390

castes in, 388-89, 395, 397, 398

China compared with, 387-88, 390-91, 393, 394, 397-98

China’s relations with, 381

consumers in, 393, 394-95, 397

India (*continued*)

cottons of, 87, 103-4, 106, 140, 151, 386

dams in, 315

democracy in, 366, 387, 389, 397

education in, 379, 391, 392

emigrants from, 210, 392, 424

English in, 39, 45, 103, 164, 281, 326, 385-89, 391, 396

food imports of, 392-93

Great Depression and, 276

independence of, 285, 387, 389, 396

marriage in, 69

modernization of, 389-94

Muslims in, 27, 389, 396

nationalists in, 268, 387

opium in, 229

Point Four program in, 293, 329

Portuguese in, 8, 30

Russia compared with, 385

sugar in, 126

trade of, 28, 397

transportation in，392，393

urban renewal in，394

World Trade Organization and，367-70，398

Indian Appropriation Act（1871），196

Indian National Congress（INC），387

Indian Ocean，27，38，39，242，381

China in，8

Portuguese in，27，30，34，52

indicative path，289-90

indigo，132，151

Indochina：

French，235，268，285，286

Japanese in，285，382

Indonesia，39，355，381

industrial espionage，164-65，228

Industrial Evolution，137-38

Industrial Revolution，11，13，24，137-41，145-56，163-67

Luddites and, 152, 153

Industrial Workers of the World (IWW, Wobblies), 219-21

industry, industrialization, 4, 11-14, 16, 23, 68, 69, 118, 212-13, 418-19

Agricultural Revolution and, 85-86

appearance of factories and, 148-50, 152-55, 160

culture and, 165, 167

as human goal, 166

inventions and, 137-41, 145-47, 152-53, 161

leviathans of, 200-208

resistance to, 152-54

scope of, 255-59

sequence of, 335

inequality, 363, 392, 417, 434

inflation, 46, 71, 72, 112, 326, 328, 331, 332

after World War I, 270

information technology (IT), 348-49, 357, 360, 382

see also computers, computers, personal, Internet

informative path，289，290-91

innovation，4，7，11-14，16，25，87-89，295，363，434

agricultural，12，13，21，52，64，73-84，116

Dutch，40，53，73-75

in England，11，12，75-78，87，92，94，115，120，137-41，145-47，199

in Germany，167，183，199，207-8，254-55

industrial，137-41，145-47，155-56，254-57

in U.S.，167，179-80，183，199，255-59，307-9，313-20

Institute for Liberty and Democracy，429

insurance companies，187，260，318，403

integrated circuit，343，347-48

Intel，330，343，344，349

intellectual property rights，368-69

interchangeability of participants，198

interchangeable parts，179

intercontinental ballistic missile system，304

interest rates，42，113，401-2，404，405，426

Dutch，100，101

usury and，98-101

internal combustion machines，167

Internal Revenue Service，300

International Association of the Congo，234

International Center for Maize and Wheat Improvement，391

International Monetary Fund，292，351，356，368，384

International Rice Research Institute，391

International Telephone and Telegraph，249

International Workingmen’s Association（IWA，First International），213

Internet，345-47，349，415，423，427，435

Internet Explorer，346

Interstate Commerce Commission，263

investment，186-93，292，325，334，335，353，368

capital for，123，173，191，193，350，380-84

in Germany，173，198

in Japan, 336

in U.S., 176, 186, 190, 195-96, 198, 331, 412

investment banking, 333, 403, 404, 405-6, 408

invisible hand, 91, 205

iPods, 342, 348, 349

Ireland, 62, 153, 295, 390

emigration from, 62, 211

iron, 51, 53, 146, 296, 335, 353

in Germany, 169, 171, 173, 183, 185, 194, 201, 254

in U.S., 168, 182

iron curtain, 303, 304

irrigation, 72, 315, 392

Irving, Washington, 197

Islam, Muslims, 6, 27-28, 36, 50, 135, 187

in India, 27, 389, 396

oil weapon of, 326

Spain vs., 35, 36-37

trade of, 27, 39, 232

Turkey and, 269

usury and, 99

Israel, 299, 326

Italy, Italians, 126, 142, 290, 296, 414

agriculture in, 84

computers in, 344-45

emigrants from, 210

empire building of, 229, 236, 273, 285, 420

fascism in, 272-73, 280

Great Depression in, 277

guest workers from, 299-300

immigrants to, 423-24

industrialization in, 146, 165

population growth in, 80

railroads in, 183

socialists in, 289

trade of, 8, 39, 47, 64

wars of, 123, 281, 285

see also specific city states

ivory, 232, 309, 425

Jackson, Andrew, 189

Jamaica, 37, 130, 137

James, Henry, Sr., 197

James I, King of England, 40, 99

Jamestown, Va., 48

Japan, 7, 242-48, 303, 358, 361, 363, 394, 398, 414

agriculture in, 243, 244, 245, 338

Asian financial crisis and, 356

automobiles in, 272, 335, 337, 339-41

banks in, 244-45, 356

China’s relations with, 245, 246, 247, 282, 381

Christian converts in, 28

closing of, 242

Cold War and, 338

computers in, 345, 349, 350

constitution of, 244, 246, 337-38

democracy in, 337-38, 352

economic power of, 334-42, 356, 369

emigrants from, 210

empire building of, 272, 281-82, 337, 371

Four Little Tigers and, 353, 354

Great Depression and, 276

industrialization in, 165, 244, 335-38

jury system in, 116-17

Meiji Restoration in, 242-47, 375

postwar, 296, 325, 421

recession in, 333, 356, 402, 410

textile industry in, 244, 336

trade of, 34, 45, 244

U.S. occupation of, 337-38, 339

in World War I，267，272，336

in World War Ⅱ，281-83，285，304，337

Java，44，45，49，210

Jefferson，Thomas，175，176-77，190，216

Jervis，John，182

Jesus Christ，98

Jews，46，98，283，292，299

emigration of，211，218

German，173，280

trade of，12-13

Jobs，Steven，343

John Deere，393

Johnson，Lyndon，322，325，328

Johnson，Samuel，90-91，116

joint-stock trading companies，47，106，115，187

in Japan，335，341

Jones，“Mother，” 219

June Fourth Incident (1989), 372, 379

Jungle, The (Sinclair), 217

Junkers, 171, 194, 199, 214

Justice Department, U.S., 319

just-in-time productive system, 340

just-in-time restocking systems, 357

Kagoshima, British bombing of, 242

Kaiser, Henry, 284

Kelley, Florence, 217

Kennedy, John, 324, 325

Kenya, 286

Kerala, 392

kerosene, 204, 261, 323

kerosene cans, 262

Kerr, Clark, 310, 311

Keynes, John Maynard, 277-78, 279, 291, 331-32, 333, 421

Keynesian economics，277-78，279，288-89，301，331-32，333，422

Kidd，William，38

King，Gregory，82

King Goes，the Generals Remain，The（Plivier），269

Kipling，Rudyard，281

Knights of Labor，218-19

Korea，245，246，282

see also North Korea；South Korea Korean War，338，339，340，352-53

Krupp，201，265

Krupp，Alfred，201

labor，12，23，24，33

activism of，212-21；*see also* labor unions；*specific unions*

in Africa，234

agricultural，*see agriculture*，labor for cheap，334，360，370，390

division of，15，25，63-64，144，194，257

firing of, 94-95

as guest workers, 299-300, 325

industrial, 149, 154, 160, 167, 187, 211, 215, 257

international standards for, 360

Native Americans as, 10, 30, 31, 125

regularization of work habits of, 104, 105-6, 123
scientific management of, 258

shortage of, 299

suppression of, 116

surplus value of, 16

see also indentured servants, slaves, slavery

labor unions, 214-21, 301-2, 320-25, 359-60, 411-12

consumption and, 225-26

craft, 214, 215, 216, 219

in Europe, 212, 272, 295 in Japan, 341

Taft-Hartley Act and, 322-23

Wagner Act and, 279, 301, 322

World Trade Organization and, 370

Labour Party，British，215，289

Lal，Deepal，12

land，50，76，101，113-14，322

in China，376，377，397

De Soto on，429，431

in Germany，170，171

in India，392，393，396

in Japan，245，338

in U.S.，176，177，178，183，197，215，320

Landes，David，11

landlords，46，58，63，65，70，75-79

absentee，130，136，153

discrimination and，324

in England，41，57，71，76-79，81，110，111，153

in France，71-72，85

in Germany，170

in Japan，245

land reform, 338, 352

Lappé, Frances Moore, 425, 430-31

Las Casas, Bartolomé de, 126

Last of the Mohicans, The (Cooper), 124

Latin America, 229, 269, 308, 325, 350, 351, 391, 427

Alliance for Progress and, 329

immigration to, 210

labor unrest in, 214

recession of 2008-2009 and, 412-13

Law, John, 112

law, legal system, 12, 60, 95, 416-17, 420, 430

canon, 69, 98

English, 47, 57, 82, 106, 115, 117, 118, 153, 154, 192, 193, 253

French, 193 German, 193

U.S., 192, 193, 216, 218, 225, 253, 319, 333

League of Nations, 269-70, 273, 282, 291, 296, 304

lean production, 340, 356

Lee，Rev. Joseph，82，89

Lee Kua Yew，354

Leeward Islands，128

Lehman Brothers，402

Lenin，V.I.，258

Leopold Ⅱ，King of Belgium，233-36，261

Lepanto，battle of（1571），36-37

Lesser Antilles，128

letters of marque，37

leveraging，404，406

Levitt，William，301

Levittown，N.Y.，301

Lewis，John L.，302

LG Electronics，342，393

Liberal Democratic Party，Japanese（LDP），339

Liberal Party，British，215

Liberia，236

liberty，91，134-35，157，169，241，434

Library of Congress，268

License Raj，390

Liebig，Justus von，208

life expectancy，181-82，211，363，378，392，421，432

limited liability companies，192，193

Lincoln，Abraham，428

Lindbergh，Charles，308

liquidity preference，278

Lisbon，slaves in，66，124，127

literacy，46，76，214，215，392

Liverpool，slave trade in，129，130

livestock，60，63，65-66，71，73

Livingstone，David，230-33，240

Locke，John，19，90，109，110，157

London，38，48，69-70，144，145，163，173，213，292，395，402

as emporium，41，149

growth of, 86, 91-92, 104, 139-40
stock exchange in, 188
sugar refining in, 129
Long-Term Capital Management, 401
Loomis, Mahlon, 256
looms, 150, 336-37
Louisiana, 112, 133, 176
Louisiana Purchase, 197
Louis XIV, King of France, 50, 51, 79, 114
Lud, Ned, 152
Luddites, 152, 153
Lula da Silva, Luis Inácio, 415
Luxembourg, 296
Maastricht Treaty (1992), 297
MacArthur, Douglas, 337-38
McCormick, Cyrus, 209
McKinley, William, 220

Madeira，62，126，127

Madison，James，435

Madoff，Bernard，413

Madrid，61，94，233

Magellan，Ferdinand，8，30，31

mail-order retailing，222

Malabar Coast，28，34

Malacca，29，34

malaria，230，231，316，391

Malay Archipelago，27，34，44

Malaysia，237，247，261，285，354，355

malls，306，324

malnutrition，83，392

Malthus，Thomas Robert，67-68，208-9，428

management，managers，262，263，320，321，323，336

in China，374

in Japan，340，341

scientific, 258

separation of ownership from, 249, 252

managerial capitalism, 251

Manchester, 133, 145, 151

Manchuria, 210, 424

Japan in, 281, 371

Russia in, 245-46

Manila, 30, 31, 54

manufacturing, 5, 59, 214, 223, 256, 334, 351, 352, 393

in China, 352, 382

English, 97, 106

food costs and, 70, 71

French, 85, 114-15

Great Depression and, 275, 276, 278

Japanese, 338, 340

U.S., 210, 323, 334

Maoris, 241

Mao Zedong，371-72，375，396-97，398

Marconi，Guglielmo，256

Marianas，29，235

market share，250，253

marriage，135，302

age at，59，69，139

Marshall，George C.，293

Marshall，James，189

Marshall，John，176

Marshall Plan，293-95，306，329

Marx，Karl，16-18，79，213，225，267，425

Marxism，77-78，213，214，225，290

Mary Ⅱ，Queen of England，111，117

Maryland，162，175

Massachusetts，348

Massachusetts Institute of Technology，310，313

mass production，262，284

of automobiles, 257-58, 298, 337, 340

of houses, 301

labor unions and, 302

Master Plan for Higher Education, 310

matching funds, 205

Matsushita, 342

Maxim, Hiram, 237

Maxwell, James Clerk, 256

Maya, 145

Mayawati, Kumari, 388-89

Maybach, Wilhelm, 257

meat, 60, 64

Meat Inspection Act (1906), 217

meat-packing plants, 217

medical experiments, Nazi, 315-16

Mediterranean Sea, 31, 38, 126, 236, 366

Meiji Restoration, 242-47, 375

Mendelssohn family，173

mercantilism，96-97，101，107，116

balance of trade theory and，96，103，104，106

Mercedes-Benz，298

Mercer，John，156

merchants，29，33，55，59，60，70，88，107，229，417

Arab，126

Chinese，9

Dutch，41，44，45，46，53，64，73，99

English，41，46，47，95，101，106，110，115，117，140，153

in English colonies，130

French，46，114

Indian，395，397

Italian，126

Japanese，244

Portuguese，8，13，127

prejudices against，31-32

privateers and pirates vs., 37, 38

Spanish, 13, 97

trust and, 117

U.S., 180

mergers, 250, 262, 263

Mesta, 36

Mexican-American War, 189, 197, 243

Mexico, 28, 30, 151, 165, 230, 325, 334, 352, 360, 391, 414

cactus leaves in, 238

Great Depression and, 276

microlending in, 427

oil of, 326

Mickey Mouse, 358

microprocessors, 261

microscopes, 207, 208

Microsoft, 343-44, 346, 348, 349, 350

Middle Ages, 11, 21, 56

middle class□44□70□88□171□244

U.S.□88□178-79□216□217□221□222□258□323□334□359

Middle East□21□49□238□268□269□413

irrigation in□72

oil in□262□326

Midway Island□239□245

Mikado□The□Gilbert and Sullivan□□246

military-industrial complex□314-15

military research□311-14

Mill□John Stuart□112

Ming dynasty□8□9□49□115

mining□mines□28□62□76□100□101□140□154□230□335

labor for□10□30□133-34

pumping water from□145□146

Río Tinto□238-39

missionaries□230-33□240

Missionary Travels and Researches in South Africa □Livingstone□□231

Mississippi，133，151，175，176

Mississippi Bubble，112

Mississippi Company，112

Mitsubishi，342

Mitsubishi family，335-36

Mitsui family，335-36

modernization，328-29，335，350，351

in China，371，375

in India，389-94

molasses，130，133

mole plow，153

monarchy，95，117，263，417

English，15

French，50，51，114-15，129，156

Monet，Jean，296，297

monetary theory，330，332，351

money，3，17，18，31，32，70-71，92，107-14，408，417

biblical view of, 98

capital vs., 6-7

Carnegie on, 204

consumer culture and, 223-24

definition of, 110

Dutch devotion to, 43

empire building and, 228-30

English views on, 90, 91, 96, 97

Great Depression and, 274-75, 278

paper, 111, 112, 270

postwar prosperity and, 324-25

saving of, 66, 274, 278

in U.S., 176, 189-90

usury and, 98-99

see also currency

Mongols, 27

monopolies, 63, 129, 356

Dutch, 44, 45

English granting of, 40, 41, 51

oil, 204-5, 248

Montgomery Ward, 222

Moody’s, 407

Moore, Gordon, 343, 347

Moore, Michael, 410

Moore, Rev. John, 81-82, 89

moral hazard, 416

morality, 7, 17, 25, 58, 89, 95, 133, 434

community farming and, 81

usury and, 98, 99

Morgan, Henry, 37-38

Morgan, J. P., 203, 220, 251

Morgan Stanley, 408

Morocco, 126, 235

Morse, Samuel, 184

mortgages，301，333，382

subprime，400，401，403-10，412，414，433，435

Motorola，348，393，395

movies，256，271，307，309，358，360

in India，395

Mozambique，35，237，286

Mozilla Firefox，346

MS-DOS，343，344

mulattoes，134，135

Mumbai（formerly Bombay），39，389，395

Mun，Thomas，96-97，102

Munif，Abdelrahman，262

music，333，346，368

Mussolini，Benito，272-73，280，281

Nader，Ralph，328，404

Naoroji，Dadabhai，386-87

Napoleon I，Emperor of France，93，153，163，168-69，188，236，241，255

Napoleonic Wars, 168-69, 236, 241, 255

NASDAQ stock market, 348

National Assembly, French, 156

National Cash Register, 323

National Institutes of Health, U.S., 361

nationalism, 168-73, 268, 297

in Egypt, 236, 268

German, 168-73, 185, 199

in India, 268, 387

in Italy, 272

U.S., 168, 196, 199

Nationalist Party, Chinese, 354, 371, 396

National Labor Relations Act (1935), 301

National Park Service, U.S., 279

National Recovery Act (NRA) (1933), 253, 278-79, 318

Native Americans, 21, 61, 133, 134, 135

as labor, 10, 30, 31, 125, 127

in U.S.，177，196，239

vulnerability to disease of，29，125，234

natural liberty，91，157

Natural Resources Defense Action Fund，432

nature，328

Aristotle on，142，143

Bacon on，97，142

loss of subservience to，79

Newton on，144

Navigation Laws，English，138

Nazis，208，280-81，283-85，295，298

IBM Cards and，318

science and，312-13

NEC，349

Nehru，Jawaharlal，315，396

Nehru，Pandit，390

Netherlands，the Dutch，7-10，37-46，49，52-54，168，172，254，269，296，325

agriculture in, 42, 53, 68, 71-75, 84, 138-39, 170

art in, 44, 181

banks in, 42, 99-100, 112, 173

currency of, 195

devotion to home in, 44

as economic model, 42-46, 99-101

economic plateau in, 52-54

as financiers, 13, 42, 53

Great Depression in, 277

independence of, 35, 39, 41-42, 45, 52, 73

industrialization in, 53, 146

as intellectual center, 46, 93

in New World, 9, 10, 39, 43, 44, 50, 63, 128, 129

oil industry of, 262

population growth in, 80, 84

privateers and pirates of, 37, 38-39, 128

science in, 142, 144

slavery abolished by，136

slave trade of，8，10，30，66，121，128，129，131

trade of，28，31，34，35，38-39，41-44，52，53，64，74，138

wars of，44-45，52，123

wealth of，39-40，52

World War Ⅱ and，280，285

worldwide dominance and influence of，240，242，245，268

Netscape，346

networks，computer，345-46

New Basis of Civilization（Patten），226

Newcomen，Thomas，122，141，145-46

New Deal，136，278-79，290，321-22

New Jersey，250，252，327

New Netherlands，128

newspapers，174，177，280

Newton，Isaac，90，97，101，109，122，142-45，157，158

New World，9-10，27-31，54，121-33，417

discovery of□12□54

Dutch in□9□10□39□43□44□50□63□128□129

European wars and□123□124

foods of□27□28-29□54□60-64

immigration to□62

plantations of□10□31□48□50□63□64□420

New York□N.Y.□38□162□188□189□194□263□292□390□402

immigration to□210□211

railroads in□202

World Trade Towers in□364

New York□state□□130□310

New York Central Railroad□186□201

New York Herald□232

New York Stock Exchange□271

New York Times□206□322

New Zealand□353

immigration to□209□210□299

Niagara Falls, 256

Nicaragua, 202, 325

Nile River, 232, 315

Nissan, 272, 337, 339-40, 393, 410

nitrates, 238

nitrogen, for soil, 73, 74

Nixon, Richard, 325, 327, 372

Nobel family, 261-62

Nokia, 395

North, American, 160-61, 174-75, 196, 323

North Africa, 27, 29, 285

guest workers from, 299-300

North America, 7, 21, 29, 31, 54, 125, 420

immigration to, 86, 209, 210, 424

population growth in, 79

rights in, 117

North Korea, 338, 352

North Sea, 43, 52, 100

Norway, 211, 280

Noyce, Robert, 343

nuclear power, 432-33

Obama, Barack, 410, 433

Oberth, Hermann, 311, 312

O’Connor, Sandra Day, 323-24

Office of the Comptroller of the Currency, U.S., 401

Ohio, 178, 204, 248, 401, 409

oil, 24, 26, 238, 261-62, 273, 326-28, 425

of China, 381

crisis of 1973 and, 326-28

Japan’s need for, 282

price of, 325, 326, 327, 331, 340, 422, 432

shortages of, 368

sugar compared with, 121

in U.S., 168, 201, 204-5, 211, 217-18, 248-51, 326

Oil Trust, 248

Olds, Ransom, 257, 261

Oldsmobile, 257, 259

Olympics, 365, 383-84

opium trade, 229

optics, 255

optimism, 273, 401

organizational charts, 249, 319

Organization for Economic Cooperation and Development, 296

Organization of Petroleum Exporting Countries (OPEC), 326-27, 422

Orinoco tobacco, 48

Ormuz, 30, 34

Other America, The (Harrington), 328

Otto, Nikolaus, 298

Ottoman Empire, 34-37, 39, 49-50, 172, 236

World War I and, 265-69

outsourcing，95，140，334，390

Owen Falls，315

Pacific Ocean，239，242-43，366-67

World War I and，271-72

World War Ⅱ and，282-85，316

Page，Larry，347

Paine，Thomas，19，145，157，159-60，188，229

paintings，11，44，50，181

Pakistan，285，389，392，395

Panama，Isthmus of，37

Pan American，308

panics，*see* depressions，economic，Great Depression

Paperclip program，313

Paris，139’ 173，188，268，293

Parliament，Belgian，233

Parliament，English，92，101，110，111，112，117，118，137，154，187，192

industrialization and，153

Naoroji in, 386-87

see also House of Commons, English; House of Lords, English

Parliament, Indian, 389

Parliament, Japanese, 338, 339

partnerships, 187, 191, 193, 215, 402

Patel, Raj, 425, 430, 431

patent licenses, 341-42

Patent Office, U.S., 179

patents, 61

in England, 40, 47, 50, 51, 147, 165

in U.S., 179, 256, 257, 312, 348

Patten, Simon Nelson, 226

Patterson, John Henry, 323

Pearl Harbor, Japan's attack on, 282, 313

peasants, 84, 86, 122, 209, 212, 238

Chinese, 62, 371, 375-76, 377

French, 51-52, 84, 85, 129, 156, 170

penicillin，316

Pennsylvania，159，162，182，204，428

Pennsylvania，University of，313

Pennsylvania Railroad，203，249

pensions，321，382

People’s Liberation Army，371

peripherals，343，349，354

Perry，Matthew，243

Peru，28，30，34，208，230，429

Pfizer Company，316

pharmaceuticals，pharmaceutical companies，295，298，313，314，316，361，362，369

pharmacists，324

Philadelphia，Pa.，188

philanthropy，203，205，311

Philip Ⅱ，King of Spain，35

Philippines，27，30，31，37，62，245，381，391，424

Spanish-American War and，239，247

in World War Ⅱ，282，285

Phoenicians，38，238

phonographs，256，271

physics，142-45，314，419

physiocracy，114-15

Piech，Ferdinand，299

Pinckney，Eliza Lucas，151

pirates，29，37-39，128

Pizarro，Francisco，30

Planning Commission，Indian，390

plantations，10，48，50，136，420

sugar，10，31，63，64，122-23，127，129，130，230

plastics，309

Platt Brothers，336

Plivier，Theodor，269

plug-in compatibles，345

Pocahontas，48

Point Four program, 293, 329

Poland, 62, 84, 172, 290, 384, 385

emigrants from, 210, 211

Nazi invasion of, 280

policy makers, 277

politics, 4, 7, 12, 59, 123

civil war and, *see* civil war

election campaigns and, 408, 409

in England, 15, 39, 40-41, 55, 109, 156

in France, 52

in Japan, 244, 337-39

in Spain, 35, 36

TV and, 308

after World War I, 272-73, 280

Polo, Marco, 28

Pomeranz, Kenneth, 14

Ponce de León, Juan, 31

Ponzi，Charles，413

Ponzi schemes，413

Pope，Alexander，122

population growth，139，165，197，315，418

agriculture and，5-6，65-70，72，79，84，255

Malthus on，67-68，208-9，255，428

of slaves，135

see also specific countries

Porsche，Ferdinand，298，299

Porsche，Ferry，299

Porsche 356，299

Portsmouth，51

Portugal，50，54，97，124-27，146，165，168，229，237，240，242，420

aristocracy of，13，29-30，47

in Brazil，30，31，49，127，135

colonial wars of，286

Dutch competition with，44-45

evangelical spirit of, 28

explorations of, 8, 9, 13, 30, 36, 100

in food exchange, 61-62

guest workers from, 299-300

military superiority of, 34

postwar, 295

refugees from, 46

slave customs of, 135

slave trade of, 8, 10, 30, 66, 121, 124, 126, 127, 129, 135

Spain united with, 31, 35

Spanish rivalry with, 30-31

trade of, 27-31, 34-36, 38, 39, 40, 44, 47, 52, 138

World War Ⅱ and, 285

railroads (*continued*)

in U.S., 177, 182, 183, 185, 186, 188, 193, 196, 198, 199, 201-4, 222, 321

Raleigh, Sir Walter, 39

rates, 100, 114, 194, 418

rational economic actor, 75

rats, 61, 66

RCA (Radio Corporation of America), 307, 319, 341-42

Reagan, Ronald, 332, 403

reaper, 209, 238

recession, 248, 331, 332, 333, 358, 377, 380, 421

in 1970s, 402-3

of 2008-2009, 400-417

Red Army, Chinese, 381

Red Army, Soviet, 304

Red Cross, 316

Red Guards, 371, 379

Red Sea, 30, 38, 49, 236

refrigeration, 197

refugees, postwar, 292

Rehnquist, William, 324

Reliance Industries, 395

religious tolerance, 45, 46, 143, 418

Renaissance, 11, 159

Renault, Louis, 298

rent, 51, 70, 71, 430

in England, 76, 77-78, 90

rentiers, 53

reparations, 269, 270

reproduction, 67, 68, 378

Republican Party, U.S., 196, 333, 405, 411

Reuther, Walter, 321

Rhine Valley, 235

Rhode Island, 130

Rhodes, Cecil, 237

Ricardo, David, 112

rice, 10, 62, 132, 175, 391, 392-93, 431

Rickover, Hyman, 327

Río Tinto, 238-39

risk taking, 248, 405-9

River Rouge plant, 258, 259

robber barons, 217

Roberts, Richard, 156

Rockefeller, John D., 201-5, 217, 248, 261, 262

Rockefeller Foundation, 205, 391-92

rockets, 311-12

Roger and Me (movie), 410

Rolfe, John, 48

Roman Empire, 28, 36, 59, 124

agriculture in, 70, 76

Romania, 270, 290, 423

Roosevelt, Franklin Delano, 253, 278-79, 280, 290, 291, 410

Roosevelt, Theodore, 217-18, 246

Rostow, W. W., 328-29

Rothschild family, 173, 261, 262

Royal African Company, 129

Royal Air Force, British, 280, 281

Royal Navy, British, 113

Royal Shell Company, 262

Royal Society, British, 143

rubber, 234, 237-38, 261, 282

Ruhr Valley, 169, 173, 253

rum, 130, 133

Russia, 363, 366, 369, 424

Russia, imperial, 146, 149, 165, 168, 172, 180

emigrants from, 210, 211, 424

Japan’s relations with, 245-47

oil in, 261

railroads in, 183, 245

serfs in, 84

wars of, 123, 265-68

Russian Revolution (1905), 247

Russian Revolution□1917□□267

Saarinen□Eero□308

Sacco□Nicola□220

Samoa□235

samurai□243□244□245

San Diego State University□19

Santo Domingo□29□37□63□128

Sanyo□342

São Paulo□G20 meeting in□2008□□414

São Tomé□62-63□126□127

Sarnoff□David□342

Satsuma□242

Savery□Thomas□141□145

savings□66□188□274□275□278□303□353□403

in China□380□382□394□401

savings and loan institutions□S&amp□Ls□□333□401□404

Saxony□170

Scandinavia, 195, 325

scarcity, 56, 74, 90, 103, 226, 361, 418

in traditional society, 5-6, 57, 58, 71

see also famines

Schechter brothers, 278

Schott, Otto, 208

Schumacher, E.F., 327

Schuman, Robert, 296, 297

Schumpeter, Joseph, 183, 263, 311, 422, 435-36

science, scientists, 21, 122, 207, 208, 241-42, 255, 379, 418

genenomics and, 362

German, contribution to U. S. technology of, 311-17

higher education and, 309-11

King Leopold and, 233, 234

paperclip, 313

revolution in, 141-45

World War Ⅱ and, 284-85, 312

see also biology, chemistry, physics scientific management, 258

Scotland, Scots, 52, 64, 91, 158, 203

search engines, 347, 383

Sears, Roebuck, 222

Second World, 350

Securities and Exchange Commission, 403, 406, 413

segregation, 137, 216, 219, 299-300, 321, 324, 388

self-determination, 268, 286

self-interest, 5, 16, 22, 77, 94, 102, 327

in England, 106, 115

Friedman on, 332, 333

Great Depression and, 277

self-made man, 202-4

Sellers, Colonel Beriah (char.), 190

semiconductors, 343, 349, 350, 354

Sen, Amartya, 425, 428-30

serfs, 60, 71, 170, 171

servants, 59, 103, 116, 211, 320

indentured, 50, 128, 131

Seventh Fleet, U.S., 353

Seville, 37, 125, 127-28

sewing machine, 211

sexual behavior, regulation of, 263

sexual freedom, 260, 361

Shakespeare, William, 20, 46, 107

Shanghai, 377

sheep, shepherds, 36, 81, 152

Sherman Antitrust Act (1890), 218, 263, 319

Shinto, 243

shipbuilding, 42-43, 140, 180, 284

ships, 8, 34, 35, 38

Dutch, 42-43, 52, 73, 100

slave, 129

steamships, 147, 172, 209, 211, 243

U.S.，180，284

Shockley，William，343，348

Shockley Semiconductor，348

Sichuan Province，383

Sicily，59-60，126，129

Siemens，184，201，375

Siemens，Ernst Werner von，184，201，202，206-7

Sierra Leone，132

Silent Spring（Carson），328

silicon chips，343

Silicon Valley，330，334，348，412

silk，3，30，35，38，244，417

Silliman，Benjamin，204

silver，34，35，45，48，71，131，189，190，230，415

China’s use of，54

of England，102-3

English currency crisis and，107-11

price of, 195

of Spain, 27, 28, 30, 35, 38, 42, 44, 46, 100

value of, 107-10

Sinclair, Upton, 217

Singapore, 164, 282, 285, 334-35, 350, 352-55, 375, 389

Singh, Manmohan, 389-90, 393, 394

Sino-Japanese War (1894-1895), 245

skyscrapers, 257, 421

slaves, slavery, 10, 50, 63, 121-37, 236

abolition of, 37, 124, 130, 135, 136-37, 162, 175, 236, 427-28

in England's continental colonies, 130-33

in historical perspective, 10. 60. 124

slaves, slavery (*continued*)

industrialization and, 160-61

rationalizations for, 133-37

revolts of, 129, 130, 137

in U.S., 136, 160, 168, 175-76

in World War Ⅱ，312

slave trade，43，121-22，169，175-76，231-32，233，420

Portuguese in，8，10，30，66，121，124，126，127，129，135

profits from，130

size of，124，210

Slim Hélu，Carlos，427

Sloan，Alfred P.，Jr.，250，251，259，317，321

Small Is Beautiful（Schumacher），327

Smith，Adam，15-20，23，91，106，118，138，144，154，157-58，174，435

on economic development，212，295

on invisible hand，91，205

Smith，Roger，410

smuggling，128

social capabilities，428-29

social classes，16-17，88

in Germany，171，186，193-94，198，199，213-14

see also aristocracy，middle class，upper class，working class

Social Democrats，German，213，214

social force of labor，320-25，359

socialism，214，288-89，303，321

Socialist Party，Japanese，339

Social Security Administration，316，411

Soddy，Frederick，407

software，343，344

Somalia，425

Sony，330，342

Soto，Hernando de，61

South，American，175，196，323，388

segregation in，137

slavery in，131-33，136，162，168

textile industry and，160-61

South Africa，164，195，231，236-37

Gandhi in，396 South America，7，21，29，37，54，125，420

immigration to，86，209，424

South Asian Free Trade Alliance，399

South Carolina，131，132，151

South Korea，334-35，350，352-56，375，389，393，423

Soviet Union，267，283-87，303

atomic bomb of，304，313

buffer zone of，290

Cold War and，303-5，311，321，358

collapse of，363，375，384

command economy of，267，290，384，431

postwar，287，290，291，293，294

space program in，309

in World War Ⅱ，280，281，283-86，312

soybeans，351，367

space program，309-13

Spain，35-42，49，50，54，97，168，229，240，368，420，424，433

agriculture in，36，61，84，85

aristocracy of，13，30，35-36，46，47，97

in Asia，239，242，245

Belgium’s independence from，42，53

debt of，42，100

economic stagnation in，35-36

emigrants from，210

explorations of，8，13，30，36

famine threat and，59-60

Fascism in，293

fear of heresy in，35

in food exchange，61-62

Great Depression and，276

guest workers from，299-300

imports of，72

industrialization in，35-36，165

islands sold by, 235
labor used by, 30, 31
Netherland’s independence from, 35, 39, 41-42, 45, 52, 73
in New World, 9, 10, 27, 28, 30, 31, 37, 39, 100, 121, 125-29, 135
population growth in, 80
Portugal united with, 31, 35
Portuguese rivalry with, 30-31
postwar, 293, 295
Río Tinto mines in, 238-39
slave customs of, 135
slavery abolished by, 136
slave trade of, 8, 10, 30, 66, 121, 126, 130
trade of, 30, 31, 35-39, 44, 47
wars of, 35, 36-37, 123, 128, 153
Spanish-American War, 239, 247
Spanish Main, 37, 128

specialization, 25, 175, 179, 194

agricultural, 209

functional, 252

Spencer, Herbert, 68

spice trade, 8, 27, 28, 34-35, 38, 63, 415, 417

Dutch in, 44, 45

spinning jenny, 150, 152-53

spinning mule, 150-51

Sputnik, 309, 310, 311

Squibb, 316

Sri Lanka, 285, 395

Staffordshire, 148-50, 152

Stages of Economic Growth, The (Rostow), 329

stagflation, 330, 331-32, 422

Stalin, Joseph, 290, 371

Standard &amp, Poor’s, 407

standard of living, 3, 14, 23, 182, 209, 431

British，163，170

in Japan，243-44

U.S.，223

Standard Oil，201，204-5，217-18，248-49，251，262

dissolution of，263

Stanley，Henry Morton，232-34，240

State Department，U.S.，312，327，372

States-General，Dutch，44

statistics gathering，187，318

Statute of Monopolies（1624），47

steam power，4，33，123，144-48，150，152，165，167，335，418-19

switch to electricity from，256

textile making and，150-51

steamships，147，172，209，211，243

steel，254，282，296，298，334，354

in China，334，371

in Germany，167，206，253，254

in Japan，335，339

in U.S.，167，201，203，211，250，253，321，359

Stephenson，George，147

Stinnes，270

stock，191-93，248，250，324

price of，271，274

stock exchanges，112，188-89，348，413

crash of，274，275，401

Strength through Joy automobile，298

strikes，212，214，215，218，220，221，225，321，341

submarines，283，327

subsidies，362，367-70

Suez Canal，236，281，326

sugar，3，10，62-64，113，121-30，132，133，136，137，138，140，351，367，420

in Brazil，31，63，121，127，130

in Caribbean，63，64，121，125，127，130，161，230

in food preservation，60，63，130

price of64
sulfanilamidessulfas316
SullivanArthur246
Sumatra262
Sumitomo family335-36
SummersLawrence399
sunflowers60-61
Sun Yat-sen247
Supreme CourtU.S.218253256263341401409
labor issues and302
National Recovery Act and278-79
surplus value of labor16
survival of the fittest68
Sweden10211234277
indicative path and289-90
trade of831140
SwiftGustavus Franklin197

Switzerland，165，299-300，309

syndicalists，212，214

Taft-Hartley Act（1947），322-23

Tahiti，235，245

Taiwan，246，334-35，350，352-55，389，393，423

tanks，284，285，372

Tarbell，Ida，205，216-17

Target，359

tariffs，123，209，228，270，295，367，368，370

English，111，116

German，171，254

U.S.，203，254，276

Tata Motors，393

taxes，70，129，133，192，352，381

in England，40，41，90，111，113，115

in France，51，85，112-15

income，263，300，322

in Japan, 244, 245

in Netherlands, 112

in Spain, 35, 36

U.S., 174, 176, 190, 263, 279, 300, 325

Taylor, Frederick Winslow, 258

Taylorism, 258

tea, 3, 133, 140, 420

team system, Japanese, 338

technology, 12, 54-55, 122, 193, 243, 297-98, 307-17, 329, 330, 362, 434

Chinese, 8, 9, 379

in Germany and U.S., 182-85, 311-17

intellectual impact of, 155-56

in Japan, 336, 337

social impact of, 307-9

World War Ⅱ and, 284-85, 308, 313, 314

see also innovation, *specific kinds of technology*

Telefunken, 342

telegraphy, 183-85, 195, 227, 247-48, 256

telephones, 185, 255, 256

cellular, 348, 395, 427

television, 307-8, 345, 360, 365, 408

color, 341-42 Telnet, 345-46

tenants, 57, 58-59, 63, 65, 66, 75-78

discrimination and, 324

in England, 71, 76-78, 81, 82, 110

in France, 72

terrorism, 6, 364

Tervuren Museum, 235

Tesla, Nikola, 256

tetracycline, 316

Texas Instruments, 354

textiles, textile industry, 122, 235, 335, 336

England’s importing of, 87, 103-6

industrialization of, 150-53, 165, 175, 182, 198

in Japan, 244, 336

in United States, 160-61

Thatcher, Margaret, 332, 403

Third World, 325, 329, 350-51, 367, 423

Thirty Years'War, 65, 84, 267

threshing machines, 153

Thyssen, August, 201, 206

Thyssen & Company, 206, 270

Tibet, 381

Time, 344

Times (London), 233

tires, 260-61

tobacco, 3, 10, 37, 49, 113, 132, 138, 140, 175, 420

firms and, 250, 251

price of, 48, 131

in Virginia, 48, 50, 131

Tocqueville, Alexis de, 180-81

Tokugawa regime, 242

tolls, French, 51

Toshiba, 342, 349

Township and Village Enterprise, 376

Toynbee, Arnold, 11

Toyoda, Kiichiro, 337

Toyoda, Sakichi, 336-37

Toyoda Automatic Loom Works, 336-37

Toyota, car, , 337, 410

Toyota Motor Company, 337, 339-41, 393

trade, 3, 8, 9, 12-13, 27-55, 68, 72, 319, 351

barriers to, 368

changes in center of, 366

downturn in, 95-96, 111, 123, 325

European domination of, 34-39

free, see free trade

Great Depression and, 274, 276

institutions for, 305-7

limits of, 31-34

society and, 46-49

Soviet withdrawal from, 267

unintended and unexpected consequences of, 49-55

see also specific countries, ethnic groups, and products

trade associations, 248

traditional society, 26, 87-88, 119, 329, 361, 431

description of agricultural practices in, 60

scarcity in, 5-6, 57, 58

transformer, 256

transistors (transfer resistors), 330, 342, 347, 348, 420

transportation, 355

regulation of, 333

see also automobiles, railroads, ships

Treasury, U.S., 325, 378, 382, 410

treaties, 38, 189, 196, 268, 297, 370

lend-lease, 305

World War I and, 269, 280

Treaty of Rome (1957), 296

Tripoli, 38

trolley cars, 222

Truman, Harry, 293, 303, 321

Truman Doctrine, 303

trust, 117, 118

trusts, 205, 248, 250, 263

Tsiolkovsky, Konstantin, 311, 312

Tunisia, 28, 210, 235

Tupi, 127

Turgot, baron de, 115

Turkey, 38, 151, 269, 374

guest workers from, 299-300, 325

Truman Doctrine and, 303

see also Ottoman Empire

Twain, Mark, 190, 234-35

underdeveloped countries, 173, 325, 350-51

unemployment, 301, 325, 326, 328, 331

Friedman on, 332

in Great Depression, 273, 275, 278, 279, 283

unemployment benefits, 277, 301

unintended consequences, law of, 158, 405

United Auto Workers (UAW), 321, 411

United Kingdom, *see* England, Great Britain

United Nations, 293, 304-5, 338, 430, 431

United States, 174-83, 192-206, 209-27, 234, 248-63, 281-87, 290-354, 356-64, 375, 377-82, 387, 390-95, 398, 399

African Americans in, *see* African Americans

agriculture in, 164, 177-78, 196, 209, 215, 238, 258, 291, 367

army of, 239, 281, 300, 301, 313, 321

atomic bomb and, 285, 304

automobiles in, 222, 250, 257-61, 337, 340, 341, 359, 410-11, 414

banks in, 176, 189-90, 194, 251-52, 275, 276, 390, 401-6, 408, 409, 413, 414

China compared with, 377, 378, 382

Civil War in, *see* Civil War, U.S.

Cold War and, 286, 303-5, 311, 321, 338, 372

computers in, 313-14, 317-20, 342-50

consumers in, 221-27, 258, 306-7, 366, 394, 401

corporations in, 192-93, 211, 215-18, 223, 248-54, 257-59, 262, 263, 323, 402

debt of, 174, 178, 366

education in, 300, 309-11, 313, 322

elections in, 193, 196, 214

empire building of, 239, 240, 245

exploitation by, 351

foreign investment in, 195-96, 412

Four Little Tigers and, 353, 354

Germany compared with，167-68，172，181，198，213，255，276

Great Depression in，275-79，290-91

immigration to，174，210-12，215，217，218，221，282，299，302，320，323，325

industrialization in，164，165，190，199，212，215，255-59，276，282，288，418

informative path in，290-91

Japan compared with，335，336，339，340-41，356

Japan’s relations with，243，245，337-38

labor struggle in，214-21，225，320-25，359-60，411-12

leviathans of industry in，200-206

in Mexican-American War，189，197，243

middle class in，88，178-79，216，217，221，222，258，323

missionaries from，234

national character of，168

natural resources of，168，182，189，197，202，204-5

navy of，282，313

New Deal in, 136, 278-79, 290, 321-22

open door policy of, 247

as paradigmatic capitalist country, 197

population growth in, 197, 210-11, 378

postwar economy of, 300-303

United States (*continued*)

private initiative in, 174-82

recession of 2008-2009 in, 400-415

Russia compared with, 385

single mothers in, 361

slavery in, 136, 160, 168, 175-76

social impact of technology in, 307-9

in Spanish-American War, 239, 247

technology in, 182-85

textile industry in, 160-61

trade gap of, 349

trade of, 242-43, 319

transportation in，172，174，176，177，179，181，182，183，185，186，196，198，199，201，202，222，250，257-61

Vietnam War and，286，311，322，325，328

Walmart in，357-60，411

waning hegemony of，367

westward movement in，177-78，196，211，239

world leadership of，293，434-35

World Trade Organization and，367-70

World War I and，266-69，271

World War Ⅱ and，279，281-85，290，304，305，337

United States Agency for International Development，391-92

United States-Japan Mutual Security Treaty，340

Unsafe at Any Speed（Nader），328

upper class，70，116，195，221

English，92-93，116，117-18，154 German，198

see also aristocracy

urban growth，68，72，197，210

Great Depression and, 273

in London, 86, 91-92, 104, 139-40

Uruguay, 214

U.S. Steel, 201, 203

usury, 98-101

Uttar Pradesh, 388-89

Uzbekistan, 392

vacuum, 143, 144

vacuum tube, 330

Vaishyas, 397

value, 100, 107-10

Vanderbilt, Cornelius, 201, 202, 204, 205, 206, 248

Vanderbilt family, 250

Vanzetti, Bartolomeo, 220

VCRs, 345

Veblen, Thorstein, 188

Venezuela, oil of, 326

Vengeance Weapon No.2（V-2），312

Venice，Venetians，8，32，34，39，126

Venter，Craig，362

venture capitalists，venture capital，228-30，240，348，412，413，432

Versailles Peace Treaty，269，280，296

veterans，U.S.：

of War of 1812，177

of World War Ⅱ，300-303

Victoria，Queen of England，166，386

Vienna，49，194

Vietnam，354，360

Vietnam War，286，311，322，325，328

Village Phone Project，427

Virginia：

slaves in，131-32，175

tobacco in，48，50，131

Virginia Company，48，50

Vishnu，286

Volkswagen（VW，Beetle），298，299

Voltaire，144，188

wages，16，46，58，66，70，72，83，86，90，289

in China，374，377

English，122，139，140，154，165，215

increase in，97，105，106，139，140，223，225，302，322

iron law of，225

living，428

low，195，209，211，411

minimum，334

U.S.，165，182，195，203，211，215，225，258，275，302，322，323-24，334，358，359

Walmart and，358，359

Wagner Labor Act（1937），279，301，322

Wallace，Henry，391

Wallerstein，Immanuel，351

Wall Street，334，348，406，409

Wall Street (movie), 422

Walmart, 357-60, 411

Walt Disney Company, 358, 359

Walton, Sam, 357-59

war, 23, 37, 362

see also specific countries and wars

War Department, U.S., 312, 314

War of 1812, 177

War of the Spanish Succession, 126

Washington, George, 177

water, 72, 74, 392

Waterloo, 169

waterpower, 26, 152, 177, 256, 335

Watson, Thomas, Jr., 319

Watson, Thomas, Sr., 317, 318, 319, 321, 357

Watt, James, 122, 141, 146-47, 148, 155

wealth, 23-24, 33, 46, 88, 128, 197-98, 216, 303, 363, 381, 407, 417, 420-21, 425, 427

of Carnegie, 203

in China, 72, 382

common vs. private, 430

distribution of, 35, 214, 291, 352

Dutch, 39-40, 52

in England, 89, 91, 102, 118, 156

of Gates, 344, 427

German, 171

mercantilist view of, 96, 97, 103, 104

of nations, 96, 103, 106

of Rockefeller, 261

as safety net, 6

from slave labor, 175

socializing of, 213

from sugar, 130

of U.S., 276, 291

World War I and, 265

Wealth of Nations，*The*，*An Inquiry into the Nature and Causes of the Wealth of Nations*（Smith），15-20，91，118，138，154，157-58，435

Weber，Max，17-18，164，199

Wedgwood，Josiah，148-50，152，321

Weimar Republic，269

welfare，welfare state，213-14，278，297

Wen Jiabao，381

West，369，414，418

awakening conscience of，240-42

exporting of culture of，360

rise of，11-14，68

West Germany，294，296，354

guest workers in，299-300

West Indies，195，417

imports of，130

slaves in，136

sugar in，63，130，137

trade in，3，29，39，63

Westinghouse，342

Westinghouse，George，256

Westphalia，171，209-10

wheat，57，62，64，277，367，391

in India，391-92

Wheatstone，Charles，184

Whig Party，U.S.，185

Whirlpool，393

Whitney，Eli，132-33，151，175，179

Wickham，Henry Alexander，261

Wilhelm I，Kaiser of Germany，213

Wilhelm Ⅱ，Kaiser of Germany，269

William Ⅲ，King of England，111，117

William Ⅲ，King of the Netherlands，262

Wilson，Charlie，414

Wilson，Woodrow，268，269

Windows, 350

Windward Islands, 128

Wolfe, Tom, 334

women, 23, 135, 209, 219, 269

air travel and, 308

in Asian countries, 338, 355, 396, 397, 426

birth control for, 360-61, 428-29

as consumers, 223

credit and, 307

education of, 310

emigration of, 210, 211

employment of, 215, 223, 300, 307, 320, 323-24, 333

Muslim, 6, 426

World War I and, 266, 271

wool, woolen industry, 35, 36, 64, 95, 106, 139

industrialization in, 152-53

price of, 81

work day, length of, 213, 214, 215, 225

workers' compensation laws, 225

work ethic, 416

Working Assets Long Distance, 429-30

working class, 209, 212, 320, 323, 352, 419

consumption and, 225-27

English, 105, 139, 140

in India, 390

Works Progress Administration, 278

World Bank, 94, 292, 325, 329, 383, 384, 424, 425, 429, 430

World Economic Conference, 277

World Trade (IBM branch), 319

World Trade Organization (WTO), 292, 367-70, 398, 430

World War I, 208, 265-74, 292, 296, 336, 421

casualties in, 266, 271, 281, 285

global reactions to, 268-73

labor groups and, 221

lingering grievances from280-83

oil in326

submarines in283

World War Ⅱ279-86288289290304313337367421

casualties in267285286

German scientists and312315-16

labor unions in302

lend-lease treaties and305

medicine in315-16

production achievements in283-85

relief and recovery after289-96

submarines in283

technology in284-85308313314

World Wide Web346-47349

WozniacSteven343

WrightOrville259308

WrightWilbur259308

xenophobia, 242, 245, 300

Yahoo, 347, 383

Yemen, 49, 133, 361

yeomen (freeholders), 57, 71, 76, 82

Yom Kippur War, 326

Yorkshire laborers, 152

Young, Arthur, 85

Yucatán Peninsula, 238

Yugonostalgia, 432

Yugoslavia, 270, 290, 299-300, 432

Yunus, Muhammad, 425-28

Zambesi and Its Tributaries (Livingstone), 232

Zapatero, José Luis Rodríguez, 359

Zeiss, Carl, 201, 202, 207-8

Zenith, 342

Zhang Yimou, 365

Zheng He, 8, 115

Zollverein, 171, 172

Zyklon B, 208

□□□□□□□CIP□□□

□□□□□□□□□□□□□/□□□□□□□□Appleby□J.□□□□□□.—□□□□□□□□□□□□□2014.4

ISBN 978-7-5097-5611-9

Ⅰ.①□… Ⅱ.①□… ②□… Ⅲ.①□□□□□□-□□□-□□ Ⅳ.①F119

□□□□□□□CIP□□□□□2014□□019262□

□□□□□

——□□□□□□□

□□/□□□·□□□□

□□/□□

□□□/□□□

□□□/□□□□□□□□□

□□/□□□□□□□□□□□□29□□3□□□□□□

□□□□/100029

□□□□/□□□□□□□□□□□□□010□59367004 □□□□/□□□ □□

□□□□/□□ □□□

□□□□/oracode@163.com □□□□/□□

[illegible]/[illegible] [illegible]

[illegible]/[illegible]010[illegible]59367081 59367089

[illegible]/[illegible]010[illegible]59367028

[illegible]/[illegible]

[illegible]/889mm×1194mm 1/32 [illegible]/16.75

[illegible]/2014[illegible]4[illegible]1[illegible] [illegible]/350[illegible]

[illegible]/2014[illegible]4[illegible]1[illegible]

[illegible]/ISBN 978-7-5097-5611-9

[illegible]/[illegible]01-2012-8478[illegible]

[illegible]/69.00[illegible]

[illegible]

[illegible] [illegible]

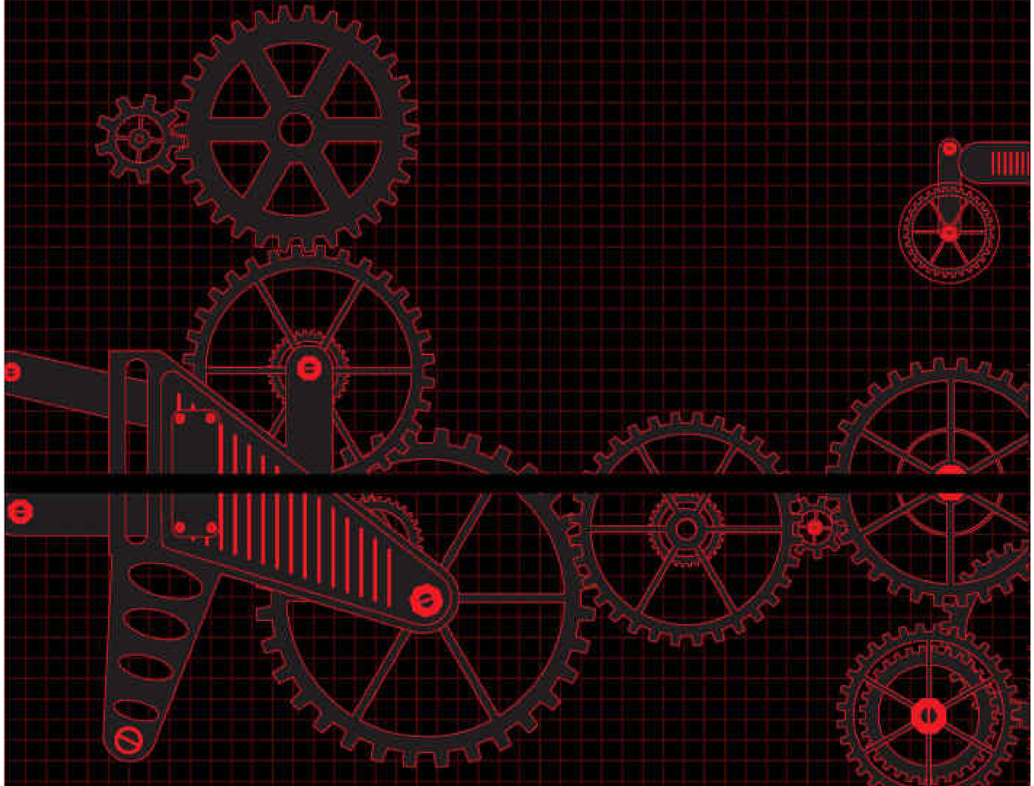
译者简介

宋非

女

1981 年生

天津大学工学学士、管理学硕士。



社科文献美术设计部
010-59367108
装帧设计 / 宋 涛

[redacted]

一部具有挑战性的史学作品，
带您领略过去五百多年来资本主义的兴衰成败！

“《无情的革命》是一项很高的成就，它展示出资本主义内含的价值观、理念与供给、需求、资产负债表的问题一样多。这部书意义深远，是具有挑战性的史学作品。”

——肖恩·威兰茨

普林斯顿大学，《美国民主的兴起：从杰斐逊到林肯》的作者

“乔伊斯·阿普尔比是我们这个时代最杰出的历史学家之一，她是一名优雅的作家，也是一位具有革新精神和洞察力的思想家。《无情的革命》是阿普尔比最棒的作品：节奏轻快、立场公正地讲述了一段有关资本主义及其影响的历史。”

——T.J. 斯泰尔斯

《第一大亨：范德比尔特的史诗生活》的作者

“乔伊斯·阿普尔比是我们这一代领先的历史学家之一，她涉猎的题材极其广泛，还有她对现代经济社会形成的分析都吸引了大批的读者。这部书是她职业生涯的一个高点，是商业人士的必读作品。”

——丹尼尔·沃克·豪

加州大学洛杉矶分校，普利策奖获得者，《上帝成就了什么：美国 1815-1848 年变形记》的作者

“《无情的革命》探讨了现代资本主义的兴起与扩张这一巨大课题。阿普尔比从中世纪的英格兰开始，到 2008 年掀起的全球金融危机结束，探究了资本主义在过去五百多年里的兴衰成败。这部书内容包罗万象，易读又迷人，能很好地启发和娱乐那些有兴趣了解世界经济源自何处、又将去向哪里的读者。”

——杰弗里·弗里登

哈佛大学，《20 世纪全球资本主义的兴衰》的作者

ISBN 978-7-5097-5611-9

www.ssap.com.cn

ISBN 978-7-5097-5611-9

定价：69.00 元

[redacted]